

west virginia department of environmental protection

Division of Water and Waste Management 601 57th Street SE Charleston, Wart Virginia 25204 2245

Charleston, West Virginia 25304-2345

Phone: 304-926-0495 Fax: 304-926-0496 Austin Caperton, Cabinet Secretary www.dep.wv.gov

July 30, 2018

ROBERT J. FEHRENBACHER THE CHEMOURS COMPANY FC, LLC PO BOX 1217 WASHINGTON, WV 26181

CERTIFIED RETURN RECEIPT REQUESTED

Dear Permittee:

Enclosed please find WV/NPDES Permit Number WV0001279 dated July 30, 2018.

Chemours' comments were received by letter dated June 18, 2018. The following is the agency's response to these comments regarding the draft permit that went to public notice on April 19, 2018.

Comment No. 1: Request update and resubmit permit renewal.

The permittee was made verbally aware that the permit would be expeditiously processed for renewal in January 2018 and further received an advanced copy of the draft permit at their request on February 9, 2018 prior to the permit being sent to public notice for which the permittee subsequently submitted comments and said comments were discussed in a subsequent meeting requested by the permittee on February 23, 2018 approximately 2 months prior to the permit being sent to public notice (April 19, 2018). The public comment period originally closed on May 19, 2018 and was extended an additional 30 days upon the permittee's request and ultimately closed on June 19, 2018. Therefore, the permittee had approximately 6 months to submit any updates that were relevant to the draft permit concerning flow routing and flow quantities. Contrary to the comment letter, the agency relied on revised flow information submitted from the permittee via email on November 9, 2016 and a subsequent update on January 18, 2017 and not based upon flows provided by the permittee in 2011 as stated. The agency was not made aware of significant changes between 2017

and present (other than minor corrections provided in the comment letter) that would justify using different flow quantities in the evaluation of OCPSF Effluent Guideline Limitations (ELGs). In addition, the information provided in the comment letter is limited in nature and not substantive. Instead, it appears that the permittee has chosen to focus on requesting a site-specific mixing zone. As such, the agency believes that the current limitations are appropriate and, except for the minor changes noted below, no further revisions have been made.

Comment No. 2: Request to use human health protection level of 17.5 ug/l for HFPO-DA.

As stated in the fact sheet, while a value of 17.5 ug/l was determined protective of human health and the environment in 2012 based on the limited toxicological studies available at that time, Consent Order No. 7418 provided for a re-assessment of effluent limitations based upon new studies or information regarding HFPO-DA. New information is now available regarding HFPO-DA. This new information is being utilized in this permit reissuance to assess legacy as well as current HFPO-DA levels contained in discharges in this permit. The agency has determined that the 17.5 ug/l value is no longer considered protective of human health and the environment for HFPO-DA and that 140 ug/l is the appropriate level necessary to protect human health and the environment. The agency believes the limitations in the permit are appropriate and therefore no revision to the permit has been made.

Comment No. 3: Request to recalculate permit limits with LimnoTech mixing zone applied and re-issue draft permit.

Please note that the agency has informed the permittee that it would not consider any additional information for a site-specific mixing for this permit reissuance since the permittee notified the agency in October 2017 that it would be pursuing a mixing zone study. As noted by the permittee, the permit reissuance has taken long enough to be reissued. Additionally, the permittee in October 2017 noted that it would not be using the agency's normal EPA and WVDEP endorsed mixing zone modeling approach (CORMIX). Rather, the permittee would be using an open source model that the agency has never used. As such, the agency further emphasized that this would even further delay the reissuance of the permit due to the greater amount of time that the agency would need to assess any proposed site-specific mixing zone once the permittee had completed and submitted the study. The agency has informed the permittee from the beginning that any site-specific mixing zone assessment would not be assessed with the permit reissuance and that the permittee could submit the site-specific mixing zone in a major permit modification request for agency consideration. In

addition, a 3-year compliance schedule has been granted to meet the final effluent limitations for PFOA, HFPO-DA, and temperature. The agency believes sufficient time has been allocated to approve or deny any subject permit modification request during the term of the upcoming compliance schedule. Again, the mixing zone model was completed using a non-approved EPA modeling system, the assumptions and algorithms of which may take a significant amount of time for the agency to review and approve depending on their complexity and validity. As such, the mixing zone study has not been considered with the draft permit. The permittee may re-submit the mixing zone request, via a major modification, as a potential method of compliance in the corrective action plan required by the compliance schedule.

Comment No. 4: Request utilization of 0.07 ug/l for PFOA and 17.5 ug/l human health values and mixing zone for WQBELs for Outlets 001, 002, 003, 005, and 007.

As detailed above, the agency believes that the human health values in the permit are protective of human health and the environment until such time that new information becomes available. See response to Comment No. 3 regarding the site-specific mixing zone. No revisions to the permit have been made.

Comment No. 5: Request default value of 30:1 mixing zone for human health be used for HFPO-DA WQBEL calculation.

While the harmonic mean stream critical condition was approved for use by the State of West Virginia for all human health-based water quality criteria, Section 5.2 of the 2015 ORSANCO Pollution Control Standards specifies that harmonic mean stream flow is to be only used for substances identified as human carcinogens and all other human health criteria are assessed using the 7Q10 flow. To the agency's knowledge, HFPO-DA has not been identified as a human carcinogen and therefore the 7Q10 stream flow must be used for calculation of WQBELs and assignment of default mixing. As such, no revision to the permit has been made.

Comment No. 6: Typographical error for HFPO-DA maximum daily limit at Outlet 006.

This has been corrected and Section A.006 has been revised in the final permit.

Comment No. 7: Request data set, CVs, and calculations for WQBELs for PFOA and HFPO-DA.

A default CV value of 0.6 was used for the following: HFPO - Outlets 001, 003, 006, and 007; PFOA Outlets 003 and 007. The data used for these pollutants at the aforementioned outfalls ranged from 1 data point to 3 data points based upon the supplemental information supplied by the permittee. All remaining CVs were calculated in accordance with the lognormal procedures contained with the TSD using 35 effluent data points taken from DMR data from January 2015 through November 2017.

Comment No. 8: Request calculations of chronic toxicity action level.

In regard to the noted discrepancy for chronic toxicity, the permittee is designating the number of samples as one while the DWWM uses four samples per month for aquatic life water quality criteria. The use of four samples per month in the assessment results in an average monthly value of 4.5 TUc.

Comment No. 9: Request TRC be eliminated at Outlets 003, 006, and 007 or provide basis for limitations at these outlets.

The agency has historically presumed reasonable potential for TRC where TRC is being used or created due to the CEL reporting requirements for this pollutant.

Comment No. 10: Request 2-year compliance schedule at Outlet 001 for TRC.

The agency has granted a two-year compliance schedule at Outlet 001 for TRC in the final permit.

Comment No. 11: Request site specific mixing zone for temperature at Outlet 007.

Please see the response to Comment No. 3 above.

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Comment No. 12: Request re-evaluation of 3,4-benzofluoranthene WQBEL considered provided stream background data.

Considering the provided background data, the WQBELs for 3,4-benzofluoranthene were recalculated using a default mixing zone and compared to the 40 CFR 414 ELGs. The calculated WQBELs increased but are still more stringent than the ELG limitations and therefore must be imposed. Sections A.002 and A.005 have been revised.

Comment No. 13: Request recalculation of OCPSF ELGs based on 2011 data.

As noted above, the agency used updated flow information provided by the permittee on November 9, 2016 and a subsequent update on January 18, 2017 to calculate the ELGs. The permittee has not provided any new data (other than minor corrections provided in the comment letter) and therefore the agency believes the calculations provided herein are appropriate.

Comment No. 14: Request an enforcement action and 3-year compliance schedule for BOD5 at Outlet 005.

The permittee may contact the Environmental Enforcement group if they believe the limitations are not achievable.

Comment No. 15: Request suspension of the resampling requirement for acute toxicity until ammonia reductions can be realized in the effluent at Outlet 002.

There are not any acute toxicity limitations imposed at Outlet 002. Therefore, at present, there is no potential to be in noncompliance with any limits. The toxicity language contained in the permit is contained for instances where the permittee reports a toxicity value above a certain threshold which triggers additional retesting. The permittee is speculating that it may exceed this level due to ammonia nitrogen levels when there may not even be an exceedance of the toxicity threshold regardless of ammonia nitrogen levels. If the permittee exceeds the threshold, the agency cautions only looking at ammonia nitrogen as it may be another pollutant or combination of multiple pollutants that results in an exceedance. No revisions have been made in final permit.

Comment No. 16: Requests WVDEP provide additional discussion in the Fact Sheet such that internal outfall locations, sources, and flow are clearly identified.

As referenced in the Fact Sheet, the internal outfall locations are compliance points that are intended to represent the process wastewater flow portion (including steam condensate and other 40 CFR 414 allowed process wastewater) of the total wastewater from each individual manufacturing unit. Where these compliance points are physically located and whether physical flow measurement equipment can be installed is to be determined by an evaluation by the permittee as stated in Section B of the permit. While physical measurement equipment is preferred which captures the relative wastewaters from each area subject to 40 CFR 414, the agency recognizes the difficulty of retrofitting decades old facilities and Section B of the permit allows submittal of alternatives to physical equipment. As long as any alternative satisfies the intent of providing a scientifically/mathematically sound method of reporting flow from each individual manufacturing unit, then flow reporting for Section A will be satisfied.

Comment No. 17: Recalculate OCPSF limitations adjusting for for removal of the double counting of Butacite/Polyvinyl Butyral and bio-oxidation pond flow rates at Outlet 105.

The OCPSF limitatons have been recalculated based on the suggested adjustments and Section A.105 has been revised.

Comment No. 18: Request 2-year compliance schedule to attain compliance with OCPSF TSS limitation at Outlet 105.

The TSS limitation is prescribed by 40 CFR 414 of the Effluent Limitation Guidelines. The statutory deadline for compliance with these limitations has passed and therefore a compliance schedule cannot be granted. No revision has been made.

Comment No. 19: Request 2-year compliance schedule for metal bearing wastestream limitations for zinc at Outlet 105.

The zinc limitation is prescribed by 40 CFR 414 of the Effluent Limitation Guidelines. The statutory deadline for compliance with these limitations has passed and therefore a compliance schedule cannot be granted. Please note that the limitations have been increased in the final permit based upon the correction made per Comment No. 17. No revision has been made.

Comment No. 20: Request application of 40 CFR 414 Subpart F for the formaldehyde manufacturing unit and include and additional 5,300 gpd for a DuPont Zytel expansion project.

The suggested addition of Subpart F flows has been made. Section A.105 has been revised. The additional wastewater flow from the DuPont Zytel unit cannot be added at this time. Antidegradation rules require the establishent of Baseline Water Quality (BWQ) for all new or expanded discharges and a Tier 2 antidegradation review. Please contact Renee Clevenger of WVDEP to discuss the process to establish BWQ.

Comment No. 21: Request compliance schedule for TSS and BOD5 at Outlet 205 to assess whether additional treatment is required.

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The TSS and BOD5 limitations are prescribed by 40 CFR 414 of the Effluent Limitation Guidelines. The statutory deadline for compliance with these limitations has passed and therefore a compliance schedule cannot be granted. No revision has been made.

Comment No. 22: Request ELGs from Outlet 205 be imposed in lieu of at Outlet 005 since Outlet 005 has the least amount of dilution due to cooling water.

As indicated in the fact sheet, the appropriate monitoring location for compliance with the ELGs are at each discharge from the respective Internal Outlet. The only reason the agency has considered Internal Outlet 205 is because the permittee indicated difficulties in measuring/sampling directly from these internal outlets. Internal Outlet 205 serves as a consolidated location where compliance can be measured. Contrary to the permittee's comments, any additional flows introduced that are not subject to the original compliance location that was attempting to be measured will do nothing but further exacerbate the potential for masking. No changes have been made to the final permit.

Comment No. 23: Request flow measurement calculation language be copied for Section B and imposed in Section C.

Section B has been revised to indicate that a request with supporting engineering calculation (minor modification) must be submitted to remove the measurement requirement from the listed outlets. If the agency approves the request, appropriate language will be included authorizing the use of the proposed calculation in lieu of direct measurement.

Comment No. 24: Request BPJ limits for TSS and TOC for Outlets 001, 002, 003, 005, 006, and 007 be withdrawn. (multiple comments)

The permittee repeatedly commented that the imposition of BPJ limitations in the permit are not needed. As stated clearly in the fact sheet, BPJ limitations for TSS and TOC are necessary to ensure proper / operation and maintenance of the facilities' treatment systems and where treatment has not been installed to either control solids or prevent leaks / fugitive discharges into the facilities' non-contact cooling water systems via BMPs. A review of the discharge monitoring reporting does not show a clear indication that adequate operation, maintenance, pollution prevention, and waste minimization practices are occurring as indicated by the permittee. In addition, information included with the permit renewal application and subsequent updates does not indicate that a complete and valid mass balance accounting for the significant number of input sources and types (i.e. groundwater) and their effect on discharge concentrations is present and consistent with the intent of 40 CFR 125.3. Therefore, the agency believes the limitations are appropriate. The 95th and 99th percentiles are suggested by the TSD in BPJ based calculations and the agency believes it is appropriate.

Since DMR outlet data was used for the BPJ evaluation, intake levels of both TSS and TOC were accounted for in the limitation calculations. Absent a completed and valid mass balance (TSS and TOC) of the intake system, a net-based limitation cannot be applied.

Comment No. 25: BOD5 vs TOC at Outlet 002 and 005

The agency disagrees that BOD5 and TOC are equivalent indicators. While BOD5 and TOC can be very consistent in a domestic wastewater scenario (sewage treatment and / or residential stormwater), their profiles at Organic Chemicals, Plastics, and Synthetic Fibers facilities can be and has been shown to be drastically different on even an hour to hour basis. It should also be noted that while BOD5 requires 5 days to analyze, TOC can in many cases be analyzed in less than 10 minutes thus making it an ideal parameter to detect leaks in cooling water systems or bypass / pass through of wastewater treatment systems. The outlets in which BPJ TOC limitations have been applied all contain cooling water discharges and other wastewaters. Since DMR outlet data was used for the BPJ evaluation, all wastewater flows including storm water were represented in the BPJ limitation calculations.

Comment No. 26: Request elimination of Outlet 115. (multiple comments)

Based upon the information provided, the agency has removed Internal Outlet 115 from the final permit (and the associated monitoring and limitations). Please note that an effluent limitation for fecal coliform may be imposed at Outlet 005 in the future due to a source of the wastewater being discharged from Outlet 005 containing sanitary wastewater.

Comment No. 27: Request Outlets 013 and 028 be eliminated from the permit,

The agency has reviewed the information submitted with the comment letter and determined that the potential for these outlets to contribute pollutants to their respective receiving streams is de minimus. Therefore, monitoring at these outfalls has been removed from the permit. Please note that if in the future these outlets are modified or are observed discharging into waters of the State, the permittee shall apply for a major permit modification impose monitoring requirements in the permit. Section C.35 has been added for clarification.

Comment No. 28: Request reduction of monitoring frequency for flow at internal outlets 102, 125, 305, 405, 505, 605.

The agency believes the imposed monitoring frequency is appropriate. The agency has only received aggregate average values for manufacturing area flows in the past and has not been given the opportunity to review the variation in the water usage to determine if less frequent monitoring is appropriate. Also, as stated in the permit's Fact Sheet, there is a significant potential for masking effects due to the large amount of cooling water utilized at the site. Therefore, until the permittee generates a sufficient database of values for review, the agency believes 1/week monitoring is appropriate. No revision to the permit has been made.

Comment No. 29: Request monitoring frequencies of 1/6 months for all storm water outlets / all parameters.

Quarterly monitoring was imposed for those pollutants for which the permittee was exceeding benchmark values, pollutants that could contribute to benchamrk exceedances, and for HFPO-DA and PFOA. The agency believes that these pollutants need to monitored as imposed. Once the permittee has properly addressed its SWPPP, the permittee can qualify for the waiver requirements in Section C. Please note that waiver requirements do no apply to PFOA and HFPO-DA.

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Comment No. 30: Request revision to Section C.4

Section C.4 has been revised per some of the permittee's comments. Please note that the permit is a joint WV Water Pollution Control Permit and an NPDES Permit.

Comment No. 31: Request revision to Section C.5

Revisions to Section C.5 have been made.

Comment No. 32: Request revision to Section C.10

Section C.10 has been revised per some of the permittee's comments.

Comment No. 33: Request revision to Section C.14

The agency believes the current benchmark approach is appropriate. The permittee may pursue a metals translators for storm water discharges at any time; however, the benchmarks in the permit are prescribed in total recoverable form. Metal translators may be pursued by the permittee for any discharge, but are up to the permittee to pursue. The permit does not need to provide permission for a permittee to pursue a translator study.

Comment No. 34: Request revision to Sections C.19 and C.20

The permittee may perform a study comparing the two different methods of sample collection at each outlet and submit the results, via a major permit modification request, for evaluation.

Comment No. 35: Request revision to Sections C.21 and C.31

The agency concurs that Sections C.21 and C.31 are both redundant and confusing. Section C.21 only applies to sewage sludge and this has been deleted from the final permit (the placeholder for the condition remains and is labeled as "reserved"). The permittee does not need to resubmit disposal protocols for previously documented disposal. However, re-approval is required if the permittee changes its disposal protocol. Section C.31 has been revised in the final permit.

Comment No. 36: Request revision to Sections C.25

The requested change has been made.

Comment No. 37: Request revision to Sections C.26

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If you have any questions, please contact Matt Sweeney, P.E. of this Division at (304) 926-0499 at extension 1019, or by email at matthew.l.sweeney@wv.gov.

Sincerely,

Scott G. Mandirola

Director

SGM:ms

Enclosures

Permit Number: WV0001279

Permittee: THE CHEMOURS COMPANY FC, LLC

ce: Env. Insp. Supv. Env. Insp. ORSANCO



STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER AND WASTE MANAGEMENT 601 57TH STREET SE CHARLESTON, WV 25304-2345

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM WATER POLLUTION CONTROL PERMIT

NPDES PERMIT NO.: WV0001279

ISSUE DATE: July 30, 2018

SUBJECT: Industrial Waste

EFFECTIVE DATE: September 01, 2018

EXPIRATION DATE: July 29, 2023 SUPERSEDES: Permit No. WV0001279

dated August 04, 2003; Permit No. WV0116581 dated August 26, 2011

LOCATION: WASHINGTON

Wood

Middle Ohio River 2

(City)

(County)

(Drainage Basin)

See the next page for a list of Outlets.

TO WHOM IT MAY CONCERN:

This is to certify that:

THE CHEMOURS COMPANY FC, LLC

PO BOX 1217

WASHINGTON, WV 26181

is hereby granted a West Virginia NPDES Water Pollution Control Permit to:

operate and maintain disposal systems and best management practices for the direct discharge of non-contact cooling water, storm water, groundwater, and filter backwash wastewater via Outlet 001 into the Ohio River near Milepoint 190.1.

Also to operate and maintain a treatment and disposal system and best management practices for the direct discharge of treated industrial wastes (process wastewaster, non-contact cooling water, steam condensate, boiler blowdown, and storm water) via Outlet 002 into the Ohio River near Milepoint 190.2.

Also to operate and maintain disposal systems and best management practices for the direct discharge of non-contact cooling water, storm water, and steam condensate wastewater via Outlet 003 into the Ohio River near Milepoint 190.3.

Also to operate and maintain a treatment and disposal system and best management practices for the direct discharge of treated industrial wastes (process wastewater, non-contact cooling water, steam condensate, sanitary wastewater, cooling tower blowdown, and storm water) via Outlet 005 into the Ohio River near Milepoint 190.8.

Also to operate and maintain a disposal system and best management practices for the direct discharge of non-contact cooling water, storm water, and steam condensate wastewater via Outlet 006 into the Ohio River near Milepoint 191.

Also to operate and maintain a disposal system and best management practices for the direct discharge of non-contact cooling water and storm water via Outlet 007 into the Ohio River near Milepoint 190.6.

Also to operate and maintain disposal systems and best management practices for the direct discharge of pump

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seal water via Outlet 013 into the Ohio River near Milepoint 190.4 and via Outlet 028 into Page Run of the Ohio

Also to operate and maintain disposal systems and best management practices for the direct discharge of untreated storm water via Outlets 016, 019, 026, 030-034, and 036 into the Ohio River near Milepoints 190-191.

Also to operate and maintain disposal systems and best management practices for the direct discharge of untreated storm water via Via Outlet 011 into Coal Hollow of the Ohio River and via Outlets 022, 023 and 025 into Page Run of the Ohio River.

Also to operate and maintain a single intake pipe with five large capacity centrifugal pumps for the withdrawal of water from the Ohio River.

This permit is subject to the following terms and conditions:

River.

The information submitted on and with Permit Application Number WV0001279 dated the 20th day of December 2007 and additional information dated the 24th day of June 2008; 6th day of August 2008; 14th day September 2010; 19th day of October 2010; 16th day of June 2011; 1st day of September 2011; 9th day of November 2016; 8th day of January 2017; 22nd and 23rd days of February 2018; and the 12th and 13th days of March 2018 are all hereby made terms and conditions of this Permit with like effect as if all such permit application information were set forth herein and other conditions set forth in Sections A, B, C, D, and Appendix A.

The validity of this permit is contingent upon the payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.

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					PEHHILINO VV V 000 12/3		
Inspectable Unit	Latitude	Longitude	Receiving Stream	Dist. to Stream Mouth (in Mile)	Milepost		
001	39°16′19"	81°39'42"	OHIO RV	N/A	190.1		
002	39°16′20"	81°40'00"	OHIO RV	N/A	190.2		
003	39°16′20"	81°40′01″	OHIO RV	N/A	190.3		
005	39°16'18"	81°40′30"	OHIO RV	N/A	190.8		
006	39°15'58"	81°40'43"	Unnamed Tributary Of OHIO RV	N/A	191		
007	39°16'19"	81°40'16"	OHIO RV	N/A	190.6		
011	39°16'13"	81°39'21"	COAL HL	N/A	N/A		
013	39°16'18"	81°40'10"	OHIO RV No Monitoring Required	N/A	190.4		
016	39°16'15"	81°40'31"	OHIO RV	N/A	190.75		
019	39°16'13"	81°40'34"	OHIO RV	NA	190.8		
022	39°15′52"	81°40'24"	Unnamed Tributary Of OHIO RV	N/A	N/A		
023	39°15′50"	81°40'35"	Unnamed Tributary Of OHIO RV	N/A	N/A		
025	39°15'53"	81°40'29"	Unnamed Tributary Of OHIO RV	N/A	N/A		
026	39°16'07"	81°40′39"	OHIO RV	N/A	190.9		
028	39°15'52"	81°40'33"	Unnamed Tributary Of OHIO RV No Monitoring Required	N/A	N/A		
030	39°16'21"	81°39'59"	OHIO RV	N/A	190.2		
031	39°16'20"	81°40'07"	OHIO RV	N/A	190.3		
032	39°16'20"	81°40'12"	OHIO RV	N/A	190.3		
033	39°16'19"	81°40'17"	OHIO RV	N/A	190.4		
034	39°16'18"	81°40'23"	ÓHIO RV	N/A	190.6		
036	39°16′15"	81°40'34"	OHIO RV	N/A	190.8		
102	39°16'19"	81°40'05"	N/A	NA	N/A		
103	39°16'19"	81°40'05"	N/A	N/A	N/A		
105	39°16'18"	81°40'30"	N/A	N/A	N/A		
125	39°15'58"	81°40'43"	N/A	N/A	N/A		
202	39°16'19"	81°40'05"	N/A	N/A	N/A		
205	39°16'18"	81°40'30"	N/A	N/A	N/A		
305	39°16'18"	81°40'30"	N/A	N/A	N/A		
405	39°16'18"	81°40'30"	N/A	N/A	N/A		

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Permit No.: WV0001279

Inspectable Unit	Latitude	Longitude	Receiving Stream	Dist. to Stream Mouth (in Mile)	Milepost
505	39°16'15"	81°40'35"	N/A	N/A	N/A
605	39°15'58"	81°40'43"	N/A	N/A	N/A

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 001 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be lim	ited and mon	itored by the	permittee as:	specified be	ow:			Monitoring Requirements		
Effluent Characteristic	Qua	ntitu	<u>Disc</u> Units	harge Limitat	lons Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>	
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	N/A	Rpt Only	mgd	1/month	measured	
(Year Round) (ML-1) (RF-A) Final: 01/02/1900 to 7/29/2023						Max. Daily		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
00530 - (Total Suspended Solids)	Rpt Only	Rpt Only	Lbs/Day	N/A	34	59	mg/l	1/month	24 hr Composite	
(Year Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Max Daily				
00400 - (pH)	N/A	N/A	N/A	6	N/A	9	S.U.	1/month	Grab	
(Year Round) (ML-1) (RF-A)				Inst. Min.		Inst. Max.				
50060 - (Chlorine, Total Residual)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/month	Grab	
(Year Round) (ML-1) (RF-A) Interim 9/1/2018 to 8/31/2020					Avg Monthly	Max Daily				
50060 - (Chlorine, Total Residual)	N/A	N/A	N/A	N/A	0.028	0.057	mg/l	1/month	Grab	
(Year Round) (ML-1) (RF-A) Final: 09/01/2020 to 7/29/2023					Avg. Monthly	Max. Daily				
01114 - (Lead, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite	
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Cally				
01094 - (Zinc, Total Recoverable)	Rpt Only	Rpt Only	Lbs/Day	N/A	0.146	0.371	mg/l	1/month	24 hr Composite	
(Year Round) (ML-1) (RF-A)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily				
71900 - (Mercury, Total (as Hg))	N/A	NÄ	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab	
(Year Round) (ML-1) (RF-B)					Avg Moninly	Mex Daily				

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 001 - Monitoring point west of Building 27.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 001 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limi	œa ana moni	tored by the	permittee as :	specinea pe	iow:			<u>Monitoring R</u>	Monitoring Requirements		
Effluent Characteristic	Qua	māiša e	5000500000	harge Limitat			R Kan Lidan	Measurement Frequency	Sample Type		
			<u>Units</u>	****	Other Units		<u>Units</u>				
01104 - (Aluminum, Total Recoverable)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)	Avg. Monthly	Max, Daily			Avg. Monthly	Max. Daily					
00980 - (Iron, Total Recoverable)	Rpt Only	Rpt Only	Lbs/Day	N/A:	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)	Avg Monthly	Max Daily			Avg Monthly	Mex Daily					
61425 - (Acute Tox - Ceriodaphnia Dub	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	TUa	1/6 months	24 hr Composite		
(Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily					
61427 - (Acute Toxicity - Pimephales)	NA	N/A	N/A	NA	Rpt Only	Rpt Only	TUa	1/6 months	24 hr Composite		
(Year Round) (ML-1) (RF-C)					Avg Monthly	Mex Dady					
00981 - (Selenium, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max. Daily					
00978 - (Arsenic, Total Recoverable)	N/A	N/A	N/A	NA	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily					
01097 - (Antimony, Total (as Sb))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily					
32730 - (Phenolics, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 001 - Monitoring point west of Building 27.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 001 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be lin	nited and monit	ored by the	permittee as s	Monitoring Requirements					
Effluent Characteristic	Quan	<u>tity</u>	<u>Discl</u> <u>Units</u>	harge Limitat	lons Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Tvpe</u>
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflu	ent Temperature	3					
00011 - (Temperature, F)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(Year Round) (ML-7) (RF-A)		20			Avg Monthly	Max Daily			
***		Upst	ream / Intake Te	mperature					
00680 - (Total Organic Carbon)	N/A	N/A	N/A	N/A	8	13	mg/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
01059 - (Thailium, Total (as Ti))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
51065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
51065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	WA	2	73	ug/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A) Final 09/01/2021 to 7/29/2023	Avg Monibly	Max Daily			Avg Monthly	Max Cally			
51715 - (HFPO Dimer Acid)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
51715 - (HFPO Dimer Acld)	Rpt Only	Rpt Only	Lbs/Day	N/A	1.4	2	ug/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A) Finel: 09/01/2021 to 7/29/2023	Avg Monthly	Mex Daily			Avg Monthly	Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 001 - Monitoring point west of Building 27:

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Julii ustialyes siiali be iiiii	icon ein illeliin	nion nà mis b			<u>Monitoring Requirements</u>				
Effluent Characteristic	O	454.	7	charge Limitat			LG .g.	<u>Measurement</u>	<u>Sample</u>
	Quan	manipus	<u>Units</u>	2.148	Other Units		<u>Units</u>	Frequency	<u>Type</u>
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	measured
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
00310 - (BOD, 5-Day 20 Deg.C)	364	970	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Max Daily			
00530 - (Total Suspended Solids)	612	1988	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	Calculated
(Year Round) (ML-2) (RF-A)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Dally			
		Calcula	ited Net TSS	Value, refer	to Section C.32				
00530 - (Total Suspended Solids)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Max Daily			
		Effluen	t Gross TSS	Value.					
74055 - (Coliform, Fecal)	N/A	N/A	N/A	N/A	200	400	Cnts/100ml	1/month	Grab
(Year Round) (ML-1) (RF-A)					Mon. Geo. Mean	Max. Daily			
00400 - (pH)	N/A	N/A	N/A	8	N/A	9	SU	Continuous	Recorded
(Year Round) (ML-1) (RF-A)				inst Min		inst Mex			
00610 - (Ammonia Nitrogen)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
00610 - (Ammonia Nitrogen)	Rpt Only	Rpt Only	Lbs/Day	N/A	3.2	54	mg/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A) Final 09/01/2021 to 7/29/2023	Avg. Monthly	Mex Daily			Avg Monthly	Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.002 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

	out discusives arising a number and inclinities by the bennities as specified below:								Monitoring Requirements	
Effluent Characteristic	Quan	tity	<u>Discl</u> <u>Units</u>	harge Limita	tions Other Units		<u>Units</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>	
00620 - (Nitrogen Nitrate)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily		·		
00600 - (Nitrogen, Total (as N))	Rpt Only	Rpt Only	Lba/Day	N/A	Rpt Only	Rpt Only	mg/l	1/year	24 hr Composite	
(Year Round) (ML-1) (RF-D)	Avg Monthly	Max Daily			Avg Monthly	Max Daily				
00665 - (Phosphorus, Total)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/year	24 hr Composite	
(Year Round) (ML-1) (RF-D)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily				
50060 - (Chiorine, Total Residual)	NA	N/A	NA	N/A	0 028	0.057	mg/l	1/week	Grab	
(Year Round) (ML-1) (RF-A)					Avg Manihly	Max Daily				
01119 - (Copper, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max Daily				
01094 - (Zinc, Total Recoverable)	NA	N/A	NA	N/A	Rpt Only	Rpt Only	mg/l	1/month	24 hr Composite	
(Year Round) (ML-1) (RF-A)					Avg Monthly	Max Daily				
71900 - (Mercury, Total (as Hg))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/guarter	Grab	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily		that a second		
01104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite	
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily	7			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.002 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

ouch ubulalyes shan be illin	Such discharges shall be limited and monitored by the permittee as specified below:									
<u>Effluent</u> Characteristic	Qua	intity	<u>Discl</u> Units	harge Limita	itions Other Units		Units	Measurement Frequency	<u>Sample</u> Type	
00980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily	_	,	*	
00940 - (Chloride (as Cl))	NA	NA	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/querter	24 hr Composite	
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily				
31425 - (Acute Tox - Ceriodaphnia Dut	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	TUa	1/quarter	24 hr Composite	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Mex. Daily				
61427 - (Acute Toxicity - Pimephales)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	TUa	1/quarter	24 hr Composite	
(Year Round) (ML-1) (RF-B)					Max Daily	Max Ossiy				
34423 - (Methylene Chloride)	0.55	2.6	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/month	Grab	
(Year Round) (ML-1) (RF-A)	Avg. Monthly	Max. Daily			Avg. Morithly	Max Daily				
82581 - (pH, No. of Excursions >60 mir	NA	zero	Ocur/Mon	N/A	N/A	N/A	N/A	Continuous	Continuous	
(Year Round) (ML-1) (RF-A)		Max Daily								
82582 - (pH Excursions Total Time)	N/A	N/A	N/A	N/A	N/A	446	Minutes	Continuous	Continuous	
(Year Round) (ML-1) (RF-A)						Monthly Total				
39180 - (Trichloroethylene)	0.4	1.1	Lbs/Day	NA	Rpt Only	Rpt Only	ug/l	1/quarter	Grab	
(Year Round) (Mt1) (RF-B)	Avg Monthly	Max Denly			Avg Monthly	Max Daily				

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

ourn aisrnai Aas suan na mu	was constitution	imien nà rise	hammaa qa a	harman na	ichaa.			Monitoring F	<u>leguirements</u>
Effluent Characteristic	Qua	mbih.	<u>Discl</u> <u>Units</u>	<u>harge Limitat</u>			I Inches	Measurement Frequency	<u>Sample</u> <u>Type</u>
	***************************************	Total Control		S. S. F.A.	Other Units	mus mus.	<u>Units</u>		
34418 - (Methyl Chloride)	1.7	4.5	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/i	1/month	Grab
(Year Round) (ML-1) (RF-A)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
01051 - (Lead, Total (as Pb))	N/A	NA	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
79531 - (3,4 Benzofluoranthene)	0.31	0.74	Lbs/Day	N/A	0.1	0.15	u g /l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)	Avg. Monthly	Max. Daily			Avg. Monthly	Max Daily			
00981 - (Selenium, Total Recoverable)	NA	N/A	WA	NA	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
00978 - (Arsenic, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max: Daily			
34010 - (Toluene)	0.43	1.1	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/month	Grab
(Year Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg. Monthly	Mex Daily			
01097 - (Antimony, Total (as Sb))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
32730 - (Phenolics, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily	7		

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be	Monitoring Requirements								
Effluent Characteristic	Quan	ntitv	<u>Disc</u> Units	harge Limita	tions Other Units		<u>Units</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> T <u>ype</u>
00680 - (Total Organic Carbon)	N/A	N/A	N/A	N/A	5.9	7.9	mg/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			N 20 10 10 10 10 10 10 10 10 10 10 10 10 10
32106 - (Chioroform)	17	5	Lbs/Day	NA	Rpt Only	Rpt Only	ug/l	1/month	Grab
(Year Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Mex. Daily			
81020 - (Sulfate)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
01059 - (Thallium, Total (as TI))	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Delly			
51065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	18	18	ug/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021	Avg. Monthly	Max, Daily			Avg. Monthly	Max. Daily			
51065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	2	33	ug/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A) Final 09/01/2021 to 7/29/2023	Avg Monthly	Max Daily			Avg Monthly	Max Daily			
51715 - (HFPO Dimer Acid)	Rpt Only	Rpt Only	Lbs/Day	N/A	,9	32	ug/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
51715 - (HFPO Dimer Acid)	Rpt Only	Rpt Only	Lbs/Day	N/A	1.4	23	ug/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023	Avg Monthly	Max Daily			Avg Monthly	Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS | - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be lim	ited and mo	nitored by the	permittee as		Monitoring Requirement				
Effluent			Disc	harge Limitat	<u>ions</u>		<u>Measurement</u>	<u>Sample</u>	
<u>Characteristic</u>	QL	iantity	<u>Units</u>		Other Units		<u>Units</u>	Frequency	Type
50050 - (Flow,in Conduit or thru plant)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/month	measured
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max Dally			
00530 - (Total Suspended Solids)	Rpt Only	Rpt Only	Lbs/Day	NA	267	382	mg/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Mex Daily			
00400 - (pH)	NA	N/A	N/A	6	N/A	9	S.U.	1/month	Grab
(Year Round) (ML-1) (RF-A)				Inst. Min.		Inst. Max.			
00610 - (Ammonia Nitrogen)	N/A	N/A	N/A	NA	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Mex Daily			
50080 - (Chlorine, Total Residual)	N/A	N/A	N/A	N/A	0.028	0.057	mg/l	1/month	Grab
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
01119 - (Copper, Total Recoverable)	NA	N/A	NA	NA	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-8)					Avg. Monthly	Mex Daily			
01114 - (Lead, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
71900 - (Mercury, Total (as Hg))	NA	NA	NA	N/A	Rpl Only	Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Deily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limite	PE 021 179 1317.	inmica ny ti		•		Monitoring Requirements			
Effluent Characteristic	Qu	antity	<u>Disc</u> <u>Units</u>	:harge Limita	itions Other Units		Units	Measurement Frequency	<u>Sample</u> Type
01104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily	, -	i sa a saa isaa	
00980 - (Iron, Total Recoverable)	WA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/i	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-8)					Avg Monthly	Max Daily			
61425 - (Acute Tox - Ceriodaphnia Dub	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	TUa	1/6 months	24 hr Composite
(Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
61427 - (Acute Toxicity - Pimephales)	WA	N/A	N/A	NA	Rpt Only	Rpt Only	TUa	1/6 months	24 hr Composite
(Year Round) (ML-1) (RF-C)					Avg Monthly	Max Daily			
00981 - (Selenium, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00978 - (Arsenic, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
01097 - (Antimony, Total (as Sb))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
32730 - (Phenolics, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Mex Daily		*	

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be il	mmea and mom	roten bå ute	beunitree as :	ebecilied be	HOW:			Monitoring Rec	<u>uirements</u>
Effluent Characteristic	20 00	- 424 -		: <u>harge Limita</u>			a x +a	<u>Measurement</u>	<u>Sample</u>
	Quar		<u>Units</u>		Other Units		<u>Units</u>	Frequency	Type
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(Year Round) (ML-7) (RF-A)					Avg. Monthly	Max. Daily			
		Upsti	ream / Intake T	emperature					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG F	1/month	Insitu
(January 1-31) (ML-1) (RF-A)					Avg. Monthly	Max Daily			
		Efflue	ent Temperatur	е					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(February 1-28) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	ent Temperatur	е					
00011 - (Temperature, F)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(March 1-31) (ML-1) (RF-A)					Avg Monthly	Mex Daily			
		Efflu	ent Temperatur	8					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(April 1-30) (ML-1) (RF-A)	zas i	14021	k ave. c	, 40, 4	Avg. Monthly	Max. Daily	but but tub t 5	more	71 (52) 543
(April 1-20) (ME-1) (M. 44)		Effici	ent Temperatur	۵	reg. monthly	islan. Dany			
00011 //www.mark.com EV	Kirk				70		nen e	41	Insitu
00011 - (Temperature, F)	N/A	NA	N/A	N/A	78	90	DEG F	1/month	HI POLICE
(May 1-31) (ML-1) (RF-A)		per part			Avg Monthly	Max Daily			
			ont Temperatur						
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(June 1-30) (ML-1) (RF-A)					Avg. Monthly	Max, Daily			
		Efflue	ent Temperatur	e					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	101	110	DEG.F	1/month	Insitu
(July 1-31) (ML-1) (RF-A)					Avg Monthly	Mex Daily			
		Efflue	ent Temperatur	e					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS | - 12.

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A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below;

Sarii aisriiai Aas Siiaii 66	minera and mon	mica ny nic	hemmee es	shermen ne	HOW.			<u>Monitoring R</u>	<u>leguirements</u>
Effluent Characteristic	_			harge Limita	nonennamono.			<u>Measurement</u>	<u>Sample</u>
Characteristic	Quar	illty	<u>Units</u>		Other Units		<u>Units</u>	Frequency	<u>Type</u>
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	98	110	DEG.F	1/month	Insitu
(August 1-31) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	nt Temperatur	е					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG F	1/month	Insitu
(September 1-30) (ML-1) (RF-A)					Avg Monthly	Max Daily			
		Efflue	nt Temperatun	e					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	81	93	DEG.F	1/month	Insitu
(October 1-31) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	nt Temperatur	9					
00011 - (Temperature, F)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG F	1/month	Insitu
(November 1-30) (ML-1) (RF-A)					Avg Monthly	Max Daily			
		Efflue	nt Temperatur	•		·			
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(December 1-31) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	nt Temperatur	9					
00680 - (Total Organic Carbon)	WA	N/A	N/A	N/A	5.7	8	mg/i	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)					Avg Monthly	Max Daily			
01059 - (Thallium, Total (as TI))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily		. 19	
,									
51065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg Monthly	New Daily	*		Avg Monthly	Max Daily	7947.	10.430.950.091.0	A ST. CT. T. ST. ST. DET TO TO ST.
Interim 9/1/2018 to 8/31/2021		,			· 1138 . 1578 158 03	consort persons			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003. (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be	e limited and mon	itored by the	permittee as s	specified be	low:			Monitoring R	<u>kequirements</u>	
Effluent Characteristic	Qua	<u>ntity</u>	<u>Disc</u> <u>Units</u>	harge Limitat	ions Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>	
51065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	2	2.8	ug/l	1/month	24 hr Composite	
(Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023	Avg. Monthly	Max. Daily			Avg. Monthly	Mex. Daily				
51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-A)	Rpt Only Avg Monthly	Rpt Only Mex Daily	Lbs/Day	NA	Rpt Only Avg Monthly	Rpt Only Max Daily	nāų	1/month	24 hr Composite	

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS [- 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limi	iteu anu mon	itured by the	3		Monitoring R				
<u>Effluent</u> C <u>haracteristic</u>	Qua	ntity	<u>uisc</u> <u>Units</u>	:harge Limitat	ons Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	measured
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
74055 - (Coliform, Fecal)	N/A	NA	N/A	N/A	Rpt Only	Rpt Only	Cnts/100ml	1/quarter	Grab
Year Round) (ML-1) (RF-8)					Mon Geo Mean	Max Daily			
0400 - (pH)	N/A	N/A	N/A	6	N/A	9	s.u.	1/daily	Grab
Year Round) (ML-1) (RF-A)				Inst. Min.		Inst. Max.			
0610 - (Ammonia Nitrogen)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
Year Round) (ML-1) (RF-8)					Avg Monthly	Max Daily			
0620 - (Nitrogen Nitrate)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
0600 - (Nitrogen, Total (as N))	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/i	1/year	24 hr Composite
Year Round) (ML-1) (RF-D)	Avg Monthly	Max Daily			Avg Monthly	Max Deily			
0665 - (Phosphorus, Total)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/year	24 hr Composite
Year Round) (ML-1) (RF-D)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
0060 - (Chlorine, Total Residual)	N/A	N/A	NA	N/A	0.028	0.057	mg/l	1/week	Grab
Year Round) (ML-1) (RF-A)					Avg Monthly	Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - | MANAGEMENT CONDITIONS | - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

	ited and monitored by the permittee as specified below:							Monitoring Regulreme			
<u>Effluent</u> Characteristic	Qua	ntity	<u>Disch</u> Units	<u>narge Limita</u>	tions Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>		
01119 - (Copper, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Dally		•			
01114 - (Lead, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg Monthly	. Max. Daily					
01094 - (Zinc, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily					
71900 - (Mercury, Total (as Hg))	N/A	NA	NA	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab		
(Year Round) (ML-1) (RF-8)					Avg Monthly	Max Daily					
01104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily					
00980 - (Iron, Total Recoverable)	NA -	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/i	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max Daily					
61426 - (Chronic Tox-Ceriodaphnia Du	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	TUc	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Mex. Dally					
81428 - (Chronic Toxicity - Pimephales	NA	N/A		N/A	Rpt Only	Rpt Only	TUc	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - | MANAGEMENT CONDITIONS | - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements		
<u>Effluent</u> Characteristic	Quan	tity	<u>Disc</u> <u>Units</u>	<u>harge Limita</u>	tions Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>	
34423 - (Methylene Chloride)	1.7	6.7	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab	
(Year Round) (ML-1) (RF-B)	Avg. Monthly	Max Daily			Avg. Monthly	Max. Daily	-	•		
39180 - (Trichloroethylene)	1,1	3	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab	
Year Round) (ML-1) (RF-B)	Avg. Monthly	Mex Daily			Avg Monthly	Max Deily				
4418 - (Methyl Chloride)	4.8	12.2	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab	
Year Round) (ML-1) (RF-B)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Dally				
9531 - (3,4 Benzofluoranthene)	0.97	2.4	Lbs/Day	NA	0.1.	0.15	ug/l	1/quarter	24 hr Composite	
Year Round) (ML-1) (RF-B)	Avg Monthly	Max Daily			Avg Monthly	Max Deily				
0981 - (Selenium, Total Recoverable)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite	
fear Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily				
0978 - (Arsenic, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite	
fear Round) (ML-1) (RF-B)					Avg Monthly	Max Daily				
4010 - (Toluene)	1.3	3.5	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab	
fear Round) (ML-1) (RF-B)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily				
1097 - (Antimony, Total (as Sb))	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	mg/l	1/querter	24 hr Composite	
/ear Round) (Mt1) (RF-B)					Avg Monthly	Max Daily				

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - | MANAGEMENT CONDITIONS | - 12.

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A.005 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limit	naron narrow seems	second my min						Monitoring R	
Effluent Characteristic	Qua	intity	<u>Units</u>	<u>harge Limita</u>	<u>uons</u> Other Units		<u>Units</u>	<u>Measurement</u> Frequency	<u>Sample</u> <u>Type</u>
32730 - (Phenolics, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily	.•	*** * ** **	•
00011 - (Temperature, F)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
Year Round) (ML-1) (RF-A)					Avg Monthly	Max Daily			
		Efflu	ant Temperature	}					
0011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
Year Round) (ML-7) (RF-A)					Avg. Monthly	Mex. Daily			
		Upst	ream / Intake Te	emperature					
0680 - (Total Organic Carbon)	Rpt Only	Rpt Only	Lbe/Day	N/A	6.5	9.1	mg/l	1/month	24 hr Composite
ear Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Max. Deily			
2106 - (Chloroform)	3.9	11.1	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/month	Grab
fear Round) (ML-1) (RF-A)	Avg. Monthly	Max. Daily			Avg. Monthly	Max: Daily			
1059 - (Thallium, Total (as TI))	NA	N/A	N/A	NA	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
ear Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
(065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	2	2	ug/i	1/week	24 hr Composite
ear Round) (ML-1) (RF-A) terim: 9/1/2018 to 8/31/2021	Avg. Monthly	Max. Daily			Avg. Monthly	Max Daily			
1065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	0.3	0.7	ug/i	1/week	24 hr Composite
ear Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Max Daily			
inal: 09/01/2021 to 7/29/2023									

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS (- 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be	limited and moni	tored by the	permittee as :	specified be	low:			Monitoring R	lequirements
Effluent Characteristic	Qua	ntity	<u>Disc</u> <u>Units</u>	:harge Limita	<u>tions</u> <u>Other Units</u>		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>
51715 - (HFPO Dimer Acid)	Rpt Only	Rpt Only	Lbs/Day	N/A	15	43	ug/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021	Avg. Monthly	Mex. Daily			Avg. Monthly	Max. Daily			
51715 - (HFPO Dimer Acid)	Rpt Only	Rpt Only	Lbs/Day	N/A	11	23	ug/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A) Final 09/01/2021 to 7/29/2023	Avg Monthly	Max Daily			Avg Monthly	Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 006 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

discharges shall be limited and monitored by the permittee as specified below:										
Qua	ntity		scharge Limita			Units	Measurement Frequency	<u>Sample</u> <u>Type</u>		
N/A	N/A	N/A	N/A:	N/A	Rpt Only	mgd	1/month	Estimated		
					Max. Daily	·				
Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day	N/A	118 Avg Monthly	189 Max Daily	mg/l	1/month	24 hr Composite		
NA	N/A	N/A	6	N/A	9	S,U.	1/month	Grab		
			Inst. Min.		Inst. Max.					
NA	N/A	NA	N/A	0.028	0.057	mg/l	1/month	Grab		
				Avg Monthly	Max Daily					
N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
				Avg. Monthly	Max. Daily					
N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
				Avg Monthly	Max Daily					
N/A	NA	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
				Avg. Monthly	Max. Dally					
NA	N/A	NA	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab		
				Avg Monthly	Max Daily					
	Qua N/A Rpt Only Avg Monthly N/A N/A N/A	Quantity N/A N/A Rpt Only Rpt Only Avg Monthly Max Daily N/A N/A N/A N/A N/A N/A N/A N/A	Quantity Units N/A N/A N/A Rpt Only Rpt Only Lbs/Day Avg Monthly Max Daily N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Quantity Units N/A N/A N/A N/A N/A Rpt Only Rpt Only Lbs/Day N/A Avg Monthly Max Daily N/A N/A N/A N/A 6 Inst. Min. N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Aug Monthly N/A N/A N/A N/A N/A N/A N/A N/	Discharge Limitations Other Units	Discharge Limitations	Discharge Limitations		

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 006 - Earthen ditch at Carbon steel weir south of Building 293.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 006 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limite	ea ana moi	nitorea by the	permittee as	specmea be	IOW:			<u>Monitoring</u>	<u>Requirements</u>
Effluent Characteristic				charge Limitat				<u>Measurement</u>	<u>Sample</u>
<u>Characteristic</u>	Qu	antity	<u>Units</u>		Other Units		<u>Units</u>	Frequency	<u>Type</u>
00981 - (Selenium, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00978 - (Arsenic, Total Recoverable)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max, Daily			
01097 - (Antimony, Total (as Sb))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	.mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
32730 - (Phenolics, Total Recoverable)	N/A	NA	WA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(Year Round) (ML-7) (RF-A)					Avg. Monthly	Max. Daily			
		Upstr	eam / Intake T	emperature					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG F	1/month	Insitu
(Year Round) (ML-1) (RF-A)					Avg Monthly	Max Daily			
		Efflue	ent Temperatur	e					
00680 - (Total Organic Carbon)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Deily			
81020 - (Sulfate)	N/A	NA	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Dady			

Samples taken in compilance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 005 - Earthen ditch at Carbon steel weir south of Building 293.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 006 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be lir	nited and moni	tored by the	permittee as s	specified t	selow:			Monitoring R	<u>lequirements</u>
<u>Effluent</u>			<u>Disc</u>	harge Limit	tations			Measurement	Sample
Characteristic	Qua	ntity	<u>Units</u>		Other Units		<u>Units</u>	Frequency	Type
01059 - (Thallium, Total (as Ti))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg, Monthly	Max. Daily			
51065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Max Daily			
51715 - (HFPO Dimer Acid)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	ug/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021	Avg. Monthly	Max. Daily			Avg. Monthly	Mex. Daily			
51715 - (HFPO Dimer Acid)	Rpt Only	Rpt Only	Lbs/Day	N/A	0.014	0.204	ug/i	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A) Final, 09/01/2021 to 7/29/2023	Avg Monthly	Max Daily			Avg Monthly	Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 006 - Earthen ditch at Carbon steel weir south of Building 293.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS | - 12.

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A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be lin iffluent	متراه ويتهرونها مترمين منتميت مستحدث	earlicature sould gazi	•		Monitoring Requirem				
<u>Characteristic</u>	Quan	tity	<u>Units</u>	harge Limita	<u>uons</u> <u>Other Units</u>		<u>Units</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
i0050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/month	Estimated
Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily	5		
0530 - (Total Suspended Solids)	Rpt Only	Rpt Only	Lbs/Day	N/A	165	256	mg/l	1/month	24 hr Composite
(ear Round) (ML-1) (RF-A)	Avg Monthly	Mex Delly			Avg Monthly	Max. Daily			
1055 - (Coliform, Fecal)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	Cnts/100ml	1/quarter	Grab
ear Round) (ML-1) (RF-B)					Mon. Geo. Mean	Max. Daily			
)400 - (pH)	N/A	N/A	N/A	6	N/A	9	SU	1/month	Grab
ear Round) (ML-1) (RF-A)				Inst. Min		Max Dealy			
610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
ear Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			,
060 - (Chlorine, Total Residual)	N/A	N/A	N/A	N/A	0.028	0 057	mg/l	1/month	Grab
ear Round) (ML-1) (RF-A)					Avg Monthly	Max Daily			
114 - (Lead, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
ear Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily	* * **	1 1 18 1 - 0-1-1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
094 - (Zinc, Total Recoverable)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
er Round) (ML-1) (RF-B)					Avg Monthly	Max Deily		er of money page	

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS | - 12.

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A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limited		Monitoring Requirements							
Effluent Characteristic	Qua	ntity	<u>Disc</u> <u>Units</u>	harge Limitat	ions Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>
71900 - (Mercury, Total (as Hg))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Mex. Delly	. •		
01104 - (Aluminum, Total Recoverable)	N/A	NA	N/A	NA	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
00980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00981 - (Selenium, Total Recoverable)	WA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Aug Monthly	Max Daily			
00978 - (Arsenic, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-8)					Avg. Monthly	Max. Daily			
01097 - (Antimony, Total (as Sb))	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
38677 - (Bromomethane)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
32104 - (Bromoform)	NA	NA	NA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily	7		

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limited	and mon	tored by the	permittee as si		Monitoring Requirements				
Effluent Characteristic	Qua	ntitu	<u>Disch</u> Units	arge Limitat	ions Other Units		Units	<u>Measurement</u> Frequency	<u>Sample</u> <u>Type</u>
32730 - (Phenolics, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)	14073	i.ass.z	1925 (5312.2	Avg. Monthly	Max. Daily	1119(1	i/quaitei	E7 III COMPOSITO
() out (tourise) (tells of (the so)					reage amortions	man. Dang			
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(Year Round) (ML-7) (RF-A)					Avg Monthly	Max Darly			
		Upstr	eam / Intake Ter	nperature					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(January 1-31) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	nt Temperature						
00011 - (Temperature, F)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	DEGF	1/month	Insitu
(February 1-28) (ML-1) (RF-A)					Avg Monthly	Max Delly			
		Efflue	nt Temperature						
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(March 1-31) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	nt Temperature						
00011 - (Temperature, F)	N/A	NA	N/A	NA	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(April 1-30) (ML-1) (RF-A)					Avg Monthly	Max Daily			
		Efflue	nt Temperature						
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(May 1-31) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
Interim: 9/1/2018 to 8/31/2021		Efflue	nt Temperature	5					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	78	90	DEG F	1/month	Insitu
(May 1-31) (ML-1) (RF-A)		#8			Avg Monthly	Max Daily			
Final 09/01/2021 to 7/29/2023		Efflue	nt Temperature						

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - | MANAGEMENT CONDITIONS | - 12.

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A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be ilm	nea ana moni	torea by the	permittee as:	specified be	elow:	Monitoring Requirements			
<u>Effluent</u> Characteristic	Qua	ntity	<u>Disc</u> <u>Units</u>	charge Limita	tions Other Units		Units	Measurement Frequency	<u>Sample</u> Type
00011 - (Temperature, F)	N/A	NA	N/A	N/A	97	110	DEG.F	1/month	Insitu
(June 1-30) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	ent Temperatur	e					
00011 - (Temperature, F)	N/A	NA	N/A	N/A	101	110	DEG F	1/month	Insitu
(July 1-31) (ML-1) (RF-A)					Avg. Monthly	Max Deily			
		Efflue	ant Temperatur	8					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	98	110	DEG.F	1/month	Insitu
(August 1-31) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	ent Temperatur	е					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	94	109	DEG F	1/month	Insitu
(September 1-30) (ML-1) (RF-A)					Avg Monthly	Mex Deily			
		Efflue	ent Temperatur	0					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(October 1-31) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
Interim: 9/1/2018 to 8/31/2021		Efflue	ent Temperatur	e					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	81	93	DEG F	1/month	Insitu
(October 1-31) (ML-1) (RF-A)					Avg Monthly	Max Daily			
Final: 09/01/2021 to 7/29/2023		Efflue	ont Temperatur	8					
00011 - (Temperature, F)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG.F	1/month	Insitu
(November 1-30) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
		Efflue	ent Temperatur	е					
00011 - (Temperature, F)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	DEG F	1/month	Insitu
(December 1-31) (ML-1) (RF-A)					Avg Monthly	Max Dady			
		Efflue	ınt Temperatur	8					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall b	e limited and mon		Monitoring Requirements						
Effluent Characteristic	Qua	ntity	<u>Disc</u> <u>Units</u>	harge Limitat	tions Other Units		<u>Units</u>	Measurement Freguency	<u>Sample</u> <u>Type</u>
00680 - (Total Organic Carbon)	N/A	N/A	N/A	N/A	5.2	6.9	mg/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
81020 - (Sulfate)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/i	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-8)					Avg Monthly	Max Daily			
01059 - (Thallium, Total (as TI))	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
51065 - (PFOA)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg Monthly	Metx Daily			Avg Monthly	Max Daily			
51715 - (HFPO Dimer Acid)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/month	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.011 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: **Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 011 (Storm Water Runoff)

Such discharges shall be limit	ted and moni	tored by the	Monitoring Requirements						
Effluent Characteristic	Qua	<u>ntity</u>	<u>Dis</u> <u>Units</u>	charge Limitati	ons Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>
50050 - (Flow,in Conduit or thru plant)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
00530 - (Total Suspended Solids)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00400 - (pH)	NA	N/A	NA	Rpt Only	NA	Rpt Only	su	1/quarter	Grab
(Year Round) (ML-1) (RF-B)				logt. Mirt.		inst Mex			
00610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
01104 - (Aluminum, Total Recoverable)	N/A	N/A	WA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-8)					Avg Monthly	Max Deily			
00980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
81017 - (Chem. Oxygen Demand)	N/A	N/A	N/A	N/A	Rot Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
51065 - (PFOA)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 011 - 2' wide earthen ditch.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.011 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 011 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be	limited and monitored by ti	ie permittee as specif	led below:		Monitoring Rec	<u>ulrements</u>
<u>Effluent</u>		<u>Measurement</u>	<u>Sample</u>			
<u>Characteristic</u>	<u>Quantity</u>	<u>Units</u>	Other Units	<u>Units</u>	Frequency	<u>Type</u>
51715 - (HFPO Dimer Acid)	N/A N/A	N/A N	VA Rpt Only Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)			Avg Monthly Max Delly			

Samples taken in compilance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 011 - 2' wide earthen ditch.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.016 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 016 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent	a in anico ac opposit to the		•	Monitoring Requirements					
<u>=muent</u> Characteristic	Quanti	ty	<u>Units</u>	<u>:harge Limitat</u>	ions Other Units		<u>Units</u>	<u>Measurement</u> <u>Frequency</u>	Sample Type
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily		7.5. * *** TOTAL	
00530 - (Total Suspended Solids)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
00400 - (pH)	N/A	N/A	N/A	Rpt Only	N/A	Rpt Only	S.U.	1/6 months	Grab
Year Round) (ML-1) (RF-C)				Inst. Mi n.		Inst. Max.			
00610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg Monthly	Max Daily			
1104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
0980 - (Iron, Total Recoverable)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-8)					Avg Monthly	Max Daily			
1017 - (Chem. Oxygen Demand)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
1085 - (PFOA)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 016

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.016 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 016 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limite	Such discharges shall be limited and monitored by the permittee as specified below: Muent Discharge Limitations											
Effluent				Measurement	<u>Sample</u>							
<u>Characteristic</u>	Qua	<u>ntity</u>	<u>Units</u>		Other Units		<u>Units</u>	<u>Frequency</u>	<u>Type</u>			
51715 - (HFPO Dimer Acid)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab			
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily						

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 016

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.019 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: **Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 019 (Storm Water Runoff)

Such discharges shall be limite	ed and monif	tored by the	Monitoring Requirements						
<u>:ffluent</u> :haracteristic	Quar	tity	<u>Dis</u> <u>Units</u>	charge Limitati	ions Other Units		<u>Units</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
0050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
Year Round) (ML-1) (RF-B)					Avg Monthly	Mex Delly			
0530 - (Total Suspended Solids)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Dally			
0400 - (pH)	N/A	N/A	N/A	Rpt Only	WA	Rpt Only	su	1/6 months	Grab
Year Round) (ML-1) (RF-C)				inst Min		Inst. Max			
0610 - (Ammonia Nitrogen)	N/A	NA	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
1104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
0980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
1017 - (Chem, Oxygen Demand)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg Monitity	Max Daily			
1065 - (PFOA)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	u g /ī	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 019

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.019 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 019 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

-	*					311011101110
<u>Effluent</u>		Discharge		Measurement	<u>Sample</u>	
<u>Characteristic</u>	Quantity	<u>Units</u>	Other Units	<u>Units</u>	Frequency	<u>Type</u>
51715 - (HFPO Dimer Acid)	N/A N/A	N/A 1	I/A Rpt Only Rpt Only	/ ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)			Avg Monthly Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 019

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.022 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

outi distindus sini ur illitut	8 (2315)3 3315/33316/	nien nå nie	henrintee es	ahaemaa na	Monitoring Requirements				
<u>Effluent</u> Characteristic	Quant	114.		scharge Limitat			I 5 14	<u>Measurement</u> Frequency	<u>Sample</u> <u>Type</u>
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	<u>Units</u>	83/A	Other Units	Dank Charles	<u>Units</u>		
	IN/M	19/75	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
Year Round) (ML-1) (RF-8)					Avg. Monthly	Mex. Daily			
0630 - (Total Suspended Solids)	N/A	NA	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
0400 - (pH)	N/A	N/A	N/A	Rpt Only	N/A	Rpt Only	S.U.	1/6 months	Grab
fear Round) (ML-1) (RF-C)				Inst. Min.		Inst. Max.			
0610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
ear Round) (ML-1) (RF-C)					Avg Monthly	Mex Daily			
1104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
fear Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
0980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
fear Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
1017 - (Chem. Oxygen Demand)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
ear Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
1065 - (PFOA)	NA	N/A	N/A	NA	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
fear Round) (ML-1) (RF-B)					Avg Monthly	Mex Darly			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 022

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.022 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be lii	Such discharges shall be limited and monitored by the permittee as specified below:											
<u>Effluent</u>			Disc		<u>Measurement</u>	<u>Sample</u>						
<u>Characteristic</u>	Qua	ntity	<u>Units</u>		Other Units		<u>Units</u>	Frequency	Type			
51715 - (HFPO Dimer Acid)	N/A	Ň/A	N/A	N/A	Rpt Only	Rpt Only	ug/i	1/quarter	Grab			
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily						

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 022

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.023 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 023 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent	•		•					Monitoring Requirements		
Emuent Characteristic	Quan	tity	<u>Disc</u> <u>Units</u>	charge <u>Limitat</u>	ions Other Units		<u>Units</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>	
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated	
Year Round) (ML-1) (RF-B)					Avg Monthly	Mex Daily				
00530 - (Total Suspended Solids)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily		•		
00400 - (pH)	N/A	N/A	N/A	Rpt Only	N/A	Rpt Only	S.U.	1/6 months	Grab	
Year Round) (ML-1) (RF-C)				inst Min		inst Max				
0610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab	
Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily				
1104 - (Aluminum, Total Recoverable)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab	
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily				
0980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab	
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily				
11017 - (Chem. Oxygen Demand)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab	
Year Round) (ML-1) (RF-C)					Avg Monthly	Max Daily				
1065 - (PFOA)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab	
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily				

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 023

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.023 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 023 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall	be limited	I and monit	ored by t	he permitte	e as spe	cified belo	W:			Monitoring Re	<u>quirements</u>
<u>Effluent</u>	Discharge Limitations									<u>Measurement</u>	Sample
<u>Characteristic</u>		Quan	<u>tity</u>	<u>Unit</u>	<u> </u>		Other Units		<u>Units</u>	Frequency	Type
51715 - (HFPO Dimer Acid)		N/A	N/A	N/A		N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)							Avg Monthly	Mex. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 023

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.025 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 025 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limite	u anu mom	oten nå nte	•	•		Monitoring Requirements			
<u>Effluent</u> Characteristic	Quan	titv	<u>Dis</u> Units	<u>charge Limitat</u>	ions Other Units		<u>Units</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> Type
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00530 - (Total Suspended Solids)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-8)					Avg Monthly	Max Daily			
00400 - (pH)	N/A	N/A	N/A	Rpt Only	N/A	Rpt Only	S.U.	1/6 months	Grab
(Year Round) (ML-1) (RF-C)				Inst. Min.		Inst. Max.			
00610 - (Ammonia Nitrogen)	NA	N/A	NA	N/A	Rpt Only	Rpt Only	mg/l	1/8 months	Grab
(Year Round) (ML-1) (RF-C)					Ave Monthly	Max Daily			
01104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daliy			
00980 - (Iron, Total Recoverable)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
81017 - (Chem. Oxygen Demand)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
(Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
51065 - (PFOA)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Deily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 025

This discharge shall comply with Appendix A - | MANAGEMENT CONDITIONS | - 12.

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A.025 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 025 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be li	Such discharges shall be limited and monitored by the permittee as specified below: ffluent Discharge Limitations										
<u>Effluent</u>				<u>Measurement</u>	<u>Sample</u>						
Characteristic	Qua	<u>ntity</u>	<u>Units</u>		Other Units		<u>Units</u>	<u>Frequency</u>	<u>Type</u>		
51715 - (HFPO Dimer Acid)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 025

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.026 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 026 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limite	ed and mor	itored by the	-		Monitoring Requirements				
<u>Effluent</u> Characteristic	<u> </u>	414		charge Limita			K D 84 m	Measurement Execuency	<u>Sample</u> <u>Type</u>
Characteristic		<u>intity</u>	<u>Units</u>		Other Units	·	<u>Units</u>	<u>Frequency</u>	
50050 - (Flow,in Conduit or thru plant)	NA.	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
00530 - (Total Suspended Solids)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Delly			
00400 - (pH)	N/A	N/A	N/A	Rpt Only	N/A	Rpt Only	S U.	1/6 months	Grab
(Year Round) (ML-1) (RF-C)				inst Min		Inst Max			
00610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
)1104 - (Aluminum, Total Recoverable)	N/A	NA	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
0980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
31017 - (Chem. Oxygen Demand)	N/A	NA	WA	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
(Year Round) (ML-1) (RF-C)					Avg Monthly	Max Daily			
i1065 - (PFOA)	N/A,	NA	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 026

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.026 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 026 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

000 e e c	· · · · · · · · · · · · · · · · · · ·		<u>monitoring requirements</u>			
Effluent		<u>Discharge</u>		Measurement		
Characteristic	Quantity	<u>Units</u>	Other Units	<u>Units</u>	Frequency	<u>Sample</u> <u>Type</u>
51715 - (HFPO Dimer Acid)	N/A N/A	N/A N	I/A Rpt Only Rpt Only		1/quarter	Grab
(Year Round) (ML-1) (RF-B)			Avg Monthly Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 026

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS | - 12.

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A.030 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 030 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limite		man nå ma	F	Monitoring Requirements					
<u>Effluent</u> Characteristic	Quar	itity	<u>Dis</u> Units	charge Limitat	lons Other Units		Units	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max Daily		·	
00530 - (Total Suspended Solids)	N/A	NA	- N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
00400 - (pH)	N/A	N/A	N/A	Rpt Only	NA	Rpt Only	S.U.	1/6 months	Grab
Year Round) (ML-1) (RF-C)				Inst. Min.		Inst. Max.			
00610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg. Monthly	Mex Delly			
)1104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Doily			
31017 - (Chem. Oxygen Demand)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg, Monthly	Max. Daily			
1065 - (PFOA)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Mex Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 030 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.030 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 030 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be lim	Such discharges shall be limited and monitored by the permittee as specified below: fluent Discharge Limitations										
<u>Effluent</u>				<u>Measurement</u>	<u>Sample</u>						
<u>Characteristic</u>	Quai	ntity	<u>Units</u>		Other Units		<u>Units</u>	<u>Frequency</u>	Type		
51715 - (HFPO Dimer Acid)	N/A	NA	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 030 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS | - 12.

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A.031 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 031 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

ouch discharges shall be limit	ea ano monit	orea by the	beuumee aa	specified bei	OW:			Monitoring Requirements		
Effluent				charge Limitati				<u>Measurement</u>	<u>Sample</u>	
Characteristic	Quan	<u>tity</u>	<u>Units</u>		Other Units		<u>Units</u>	<u>Frequency</u>	Туре	
50050 - (Flow,in Conduit or thru plant)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated	
(Year Round) (ML-1) (RF-8)					Avg Monthly	Max Daily				
00530 - (Total Suspended Solids)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily				
00400 - (pH)	NA	N/A	N/A	Rpt Only	WA	Rpt Only	S U.	1/6 months	Grab	
(Year Round) (ML-1) (RF-C)				Inst Min		Inst Max				
00610 - (Ammonia Nitrogen)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab	
(Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily	ū			
01104 - (Aluminum, Total Recoverable)	N/A	NA	NÁ	NA	Rpt Only	Rpt Only	mg/l	1/quarter	Grab	
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily				
00980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily				
81017 - (Chem. Oxygen Demand)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab	
(Year Round) (ML-1) (RF-C)					Avg Monthly	Mex Daily				
51065 - (PFOA)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab	
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily				

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 031 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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Miles Manager Parkers Samuel Andrews

A.031 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 031 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limi		Monitoring Requirements				
<u>Effluent</u>		Discha	rge Limitations		<u>Measurement</u>	<u>Sample</u>
<u>Characteristic</u>	Quantity	<u>Units</u>	Other Units	<u>Units</u>	<u>Frequency</u>	Type
51715 - (HFPO Dimer Acid)	NA NA	N/A	N/A Rpt Only Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)			Avg Monthly Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 031 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.032 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 032 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

ouch discharges shall be innite		Monitoring Requirem							
ffluent			,,	scharge Limitati				<u>Measurement</u>	<u>Sample</u>
<u>Characteristic</u>	Qua	ntity	<u>Units</u>		Other Units		<u>Units</u>	Frequency	<u>Type</u>
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Mex. Daily			
00530 - (Total Suspended Solids)	N/A	NA	N/A	WA	Rpt Only	Rpt Only	mg/i	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
00400 - (pH)	N/A	N/A	N/A	Rpt Only	N/A	Rpt Only	S.U.	1/6 months	Grab
(Year Round) (ML-1) (RF-C)				Inst. Min.		Inst. Max.			
00610 - (Ammonia Nitrogen)	N/A	N/A	NA	NA	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg Monthly	Mex Cally			
01104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00980 - (Iron, Total Recoverable)	N/A	NA	N/A	NA	Rpt Only	Rpt Only	mg/i	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Mex Daily			
31017 - (Chem. Oxygen Demand)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
(Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
51065 - (PFOA)	N/A	NA	NA	NA	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 032 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.032 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 032 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

See Section 1			Monitoring Requirements						
Effluent				Measurement	<u>Sample</u>				
<u>Characteristic</u>	Qua	ntity	<u>Units</u>		Other Units		<u>Units</u>	Frequency	Type
51715 - (HFPO Dimer Acid)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 032 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.033 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 033 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Andri maniai Aca anan ne mimu	neme photograph absoluted	indiam ma min	7 .	•				Monitoring Requirements					
Effluent Characteristic	Qua	ntity	<u>Dis</u> <u>Units</u>	charge Limitat	ons Other Units		<u>Units</u>	Measurement Frequency	<u>Sample</u> <u>Type</u>				
50050 - (Flow,in Conduit or thru plant)	N/A	 N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated				
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily							
00530 - (Total Suspended Solids)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab				
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily							
00400 - (pH)	N/A	N/A	N/A	Rpt Only	NA	Rpt Only	SU	1/6 months	Grab				
Year Round) (ML-1) (RF-C)				inst Min		Inst. Max							
00610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab				
(Year Round) (ML-1) (RF-C)					Avg. Monthly	Mex. Daily							
01104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	NA	Rpt Only	Rpt Only	mg/l	1/quarter	Grab				
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily							
00980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab				
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily							
31017 - (Chem. Oxygen Demand)	N/A	NA	NA	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab				
(Year Round) (ML-1) (RF-C)					Avg Monthly	Max Daily							
51065 - (PFOA)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab				
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Mex. Daily							

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 033 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A 033 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 033 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

ments energines man principle and the	confidence desirate examples of the continue and the second	a barrerer me a face.	CHANAGE OF STREET OF S		MOUNTOUND Ke	<u>quirements</u>
Effluent		Dischar	<u>se Limitations</u>		<u>Measurement</u>	<u>Sample</u>
Characteristic	Quantity	<u>Units</u>	Other Units	<u>Units</u>	Frequency	<u>Type</u>
51715 - (HFPO Dimer Acid)	N/A N/A	N/A	N/A Rpt Only Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-8)			Arg Monthly Max Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 033 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.034 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: **Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 034 (Storm Water Runoff)

Such discharges shall be limited	d and monit	ored by the	permittee as	specified bel	ow:			Monitoring Rec	uirements
<u>Effluent</u>			<u>Dis</u>	<u>charge Limitati</u>				<u>Measurement</u>	Sample
Characteristic	Quant	<u>iity</u>	<u>Units</u>		Other Units		<u>Units</u>	<u>Frequency</u>	Туре
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00530 - (Total Suspended Solids)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Delly			
00400 - (pH)	N/A	N/A	N/A	Rpt Only	N/A	Rpt Only	S,U.	1/6 months	Grab
(Year Round) (ML-1) (RF-C)				Inst. Min.		Inst. Max.			
00610 - (Ammonia Nitrogen)	NA	N/A	N/A	NA	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
(Year Round) (ML-1) (RF-C)					Avg Monthly	Max Daily			
01104 - (Aluminum, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
00980 - (Iron, Total Recoverable)	NA	- NA	NA	N/A	Rpt Only	Ret Only	mg/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Delly			
81017 - (Chem. Oxygen Demand)	ÑΑ	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
(Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
51065 - (PFOA)	NA	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
(Year Round) (ML-1) (RF-B)					Avg Monthly	Max Daily			
* * * * * * * * * * * * * * * * * * *					·	,			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 034 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.034 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 034 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limite	Such discharges shall be limited and monitored by the permittee as specified below:										
Effluent		<u>Discharge Limitations</u>							<u>Sample</u>		
Characteristic	Qua	ntity	<u>Units</u>		Other Units		<u>Units</u>	<u>Frequency</u>	<u>Type</u>		
51715 - (HFPO Dimer Acid)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab		
(Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 034 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.036 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 036 (Storm Water Runoff)

Such discharges shall be limite	wania momik	new ny me	•					Monitoring Rec	
<u>Effluent</u> Characteristic	Quant	itv	<u>Dis</u> <u>Units</u>	<u>charge Limitati</u>	ons Other Units		Units	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
i0050 - (Flow,in Conduit or thru plant)	N/A	 N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/quarter	Estimated
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Cally			
0530 - (Total Suspended Solids)	N/A	NΑ	NA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			
0400 - (pH)	N/A	N/A	NA	Rpt Only	N/A	Rpt Only	S.U	1/6 months	Grab
Year Round) (ML-1) (RF-C)				Inst Min		Inst Max			
0610 - (Ammonia Nitrogen)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg. Monthly	Max. Daily			
1104 - (Aluminum, Total Recoverable)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg Monthly	Max Dasly			
0980 - (Iron, Total Recoverable)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max Daily			
1017 - (Chem. Oxygen Demand)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/6 months	Grab
Year Round) (ML-1) (RF-C)					Avg Monthly	Max Daily			
1065 - (PFOA)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	ug/l	1/quarter	Grab
Year Round) (ML-1) (RF-B)					Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 036 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.036 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 036 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

	AND THE PERSON AND TH	Monitoring Re	<u>quirements</u>			
<u>Effluent</u>		<u>DI</u>	Measurement	Sample		
<u>Characteristic</u>	Quantity	<u>Units</u>	Other Units	<u>Units</u>	Frequency	Туре
51715 - (HFPO Dimer Acid)	N/A N	A N/A	N/A Rpt Only Rpt (Only ug/I	1/quarter	Grab
(Year Round) (ML-1) (RF-B)			Avg. Monthly Max. I	Daily		

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet 036 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

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A.102 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 102 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

morns assessed and assess and sisse	2000 NO. 1023 S.N. 213 PASS S		Monitoring Requirements							
Effluent		Discharge Limitations							Sample	
Characteristic	Quar	<u>ntity</u>	<u>Units</u>		Other Units		<u>Units</u>	Frequency	Type	
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	Estimated	
(Year Round): (ML-1): (RF-A)					Avg. Monthly	Max. Daily				
Interim: 9/1/2018 to 8/31/2019										
50050 - (Flow,in Conduit or thru plant)	.N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	measured	
(Year Round) (ML-1) (RF-A)					Avg Monthly	Mex. Daily				
Final: 09/01/2019 to 7/29/2023										

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 102 - [Internal Outlet to Outlet 002] At the discharge from the Filaments Unit (Nylon Fibers) (E.I. DuPont). Process Water and Steam Condensate Only. Cooling water may be accepted but measurement shall not be included in reporting.

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A.103 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

Effluent Characteristic

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 103 (Cooling Water, Other)

Discharge Limitations

N/A

Avg. Monthly

Max. Daily

<u>Units</u>

N/A

Such discharges shall be limited and monitored by the permittee as specified below:

Quantity

N/A

N/A

Par.			Monitoring Requirements					
ons			<u>Measurement</u>	<u>Sample</u>				
Other Units		<u>Units</u>	Frequency	<u>Type</u>				
Rpt Only	Rpt Only	mgd	1/month	Estimated				

(Year Round) (ML-1) (RF-A) Final: 01/02/1900 to 7/29/2023

50050 - (Flow,in Conduit or thru plant)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 103 - [Internal Outlet to Outlet 003] At the discharge from the Kuraray Polyvinyl Resin Manufacturing Unit. Non-contact cooling water and steam condensate only.

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A.105 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: **Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 105 (Sanitary, Cooling Water, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be lim	Such discharges shall be limited and monitored by the permittee as specified below:										
Effluent			The state of the s	<u>harge Limita</u>		Measurement	Sample Tama				
Characteristic	Quar	<u>tity </u>			Other Units		<u>Units</u>	Frequency	<u>Type</u>		
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	Continuous	Recorded		
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max Daily					
Final. 01/02/1900 to 7/29/2023											
00310 - (BOD, 5-Day 20 Deg.C)	398	1061	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	24 hr Composite		
(Year Round) (ML-1) (RF-A)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
00530 - (Total Suspended Solids)	568	1841	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	24 hr Composite		
(Year Round) (ML-1) (RF-A)	Avg. Monthly	Max Daily			Avg Monthly	Max Davly					
01094 - (Zinc, Total Recoverable)	2	5	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/quarter	24 hr Composite		
(Year Round) (ML-1) (RF-B)	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 105 - [Internal Outlet to Outlet 005] At the discharge from the biological treatmant plant, prior to combining with Internal Outlet 205.

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A.125 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 125 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limi	ted and mon	itored by th	e permittee as		Monitoring Requirements				
Effluent			Disc	<u>charge Limit</u>	ations			Measurement	Sample
<u>Characteristic</u>	Qua	ntity	<u>Units</u>		Other Units		<u>Units</u>	<u>Frequency</u>	<u>Type</u>
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	mgd	1/week	Estimated
(Year Round) (ML-1) (RF-A)					Avg Monthly	Max Daily			
Interim: 9/1/2018 to 11/30/2018									
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	Estimated
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			

Final: 12/01/2018 to 7/29/2023

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Internal Outlet 125 - [Internal Outlet to Internal Outlet 105] At the discharge from the Kuraray Polyvinyl Resin Manufacturing Unit. Process Wastewater Only.

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A.202 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 202 (Noncontact Cooling Water)

Such discharges shall be limited and monitored by the permittee as specified below:

•		Monitoring Red	<u> uirements</u>			
Effluent		Measurement	<u>Sample</u>			
<u>Characteristic</u>	Quantity	<u>Units</u>	Other Units	<u>Units</u>	Frequency	Type
50050 - (Flow,in Conduit or thru plant)	N/A N/A	N/A N	/A Rpt Only Rpt (Only mgd	1/month	Estimated
(Year Round) (ML-1) (RF-A)			Avg Monthly Max :	Daily		
Final: 01/02/1900 to 7/29/2023						

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Internal Outlet 202 - [Internal Outlet to Outlet 002] At the discharge from the Kuraray (Polyvinyl Resins) Manufacturing Unit. Non-contact cooling water only.

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A.205 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 205 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

oncu diacuardas suan be iim	itea ana mon	itorea by the	permittee as :	specified bi	BIOW:			<u>Monitoring</u> R	lequirements
<u>Effluent</u>			Disc	<u>harge Limita</u>	itions			Measurement	Sample
<u>Characteristic</u>	Qua	ntity	<u>Units</u>		Other Units		<u>Units</u>	<u>Frequency</u>	Type
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	measured
(Year Round) (ML-1) (RF-A) Final: 01/02/1900 to 7/29/2023					Avg. Monthly	Max. Daily			
00310 - (BOD, 5-Day 20 Deg.C)	866	2313	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Max Dely			
		Eflue	nt Gross Value						
00530 - (Total Suspended Solids)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	24 hr Composite
(Year Round) (ML-7) (RF-A)	Avg. Monthly	Max, Daily			Avg. Monthly	Max. Daily			
		River	Intake TSS aff	er any pretr	eatment, refer to	Section C.32	•		
00530 - (Total Suspended Solids)	1197	3878	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	Calculated
(Year Round) (ML-2) (RF-A)	Avg Monthly	Max Daily			Avg Monthly	Max Daily			
		Calc	ulated Net TSS	Value, refer	to Section C 32				
00530 - (Total Suspended Solids)	Rpt Only	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	mg/l	1/week	24 hr Composite
(Year Round) (ML-1) (RF-A)	Avg. Monthly	Mex. Daily			Avg. Monthly	Max. Daily			
		Efflue	ent Gross Value	•					

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Internal Outlet 205 - [Internal Outlet to Outlet 005] At the discharge from the Dechlorination System prior to mixing with Internal Outlet 105.

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A 305 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 305 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

Same and the second of the sec						<u> Monitoring Requirements</u>			
Effluent		<u>Discharge Limitations</u>						<u>Measurement</u>	Sample
<u>Characteristic</u>	Qu	antity	<u>Units</u>		Other Units		<u>Units</u>	Frequency	Туре
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	Estimated
(Year Round) (ML-1) (RF-A)					Avg Monthly	Max Daily			
Intenm 9/1/2018 to 8/31/2019									
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	measured
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			
Final: 09/01/2019 to 7/29/2023									

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Internal Outlet 305 - [Internal Outlet to Outlet 005] At the discharge from the Carbon Filters of the Fluoroproducts West Unit.

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A.405 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 405 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

Such discharges shall be limited and monitored by the permittee as specified below:						Monitoring Requirements			
Effluent		Discharge Limitations						<u>Measurement</u>	<u>Sample</u>
Characteristic	Quan	<u>tity</u>	<u>Units</u>		Other Units		<u>Units</u>	Frequency	Type
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	NA	N/A	Rpt Only	Rpt Only	mgd	1/week	Estimated
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max Daily			
Intenm 9/1/2018 to 8/31/2019									
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	measured
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			

Final: 09/01/2019 to 7/29/2023

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 405 - [Internal Outlet to Outlet 005] At the discharge from the Polyacetal Resins Unit (E.I. DuPont). Process Water and Steam Condensate Only. Cooling water may be accepted but measurement shall not be included in reporting.

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A.505 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 505 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

work revising or all the million with mother call by the primities as appended before.							<u>Monitoring F</u>	<u>lequirements</u>	
Effluent Characteristic	Discharge Limitations						<u>Measurement</u>	<u>Sample</u>	
	Quar	<u>mity</u>	<u>Units</u>		Other Units		<u>Units</u>	Frequency	Type
50050 - (Flow,in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	Estimated
(Year Round) (ML-1) (RF-A)					Avg Monthly	Max Daily			
Interim. 9/1/2018 to 8/31/2019									
50050 - (Flow in Conduit or thru plant)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mgd	1/week	measured
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			

Final: 09/01/2019 to 7/29/2023

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 505 - [Internal Outlet to Outlet 005] At the discharge from the Specialty Compounding Unit (E.I. DuPont). Process Water Settling Only. Cooling water may be accepted but measurement shall not be included in reporting.

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A.605 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 605 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

ement Sample ency Type
anny Tima
51164 14DG
ek Estimated
ek measured
2

Final: 09/01/2019 to 7/29/2023

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 605 - [Internal Outlet to Outlet 005] At the discharge from the Fluoroproducts East & West Units. Process Water and Steam Condensate Only.

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Marrie Samuel Comments

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B. SCHEDULE OF COMPLIANCE

1. The permitee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule:

Apr 01, 2019:

The permittee shall identify sources, perform sampling as necessary, evaluate potential waste minimization alternatives to reduce waste and identify potential wastewater treatment system alternatives. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for total residual chlorine, Perfluorocctanic Acid (PFOA), and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.

Sep 01, 2019:

The permittee shall complete the evaluation of potential waste minimization alternatives to reduce waste and to identify potential wastewater treatment system alternatives. The permittee shall begin to develop cost estimates for the alternatives. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for total residual chlorine, Perfluorocatanic Acid (PFOA), and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.

Sep 01, 2019:

The permittee shall submit the required information pertaining to 316(b) of the Clean Water Act identified in Sections D.2 and D.3 of the permit.

Sep 01, 2019:

The permittee shall acquire, construct, install, operate, and maintain flow measurement equipment at Internal Outlets 102, 305, 405, 505, 605, and 125 to measure the process wastewater portion (including steam condensate) of the discharge from each respective manufacturing unit. If measurement equipment cannot efficiently be installed, the permittee may, in lieu, develop a scientifically/mathematically sound method of engineering a calculation to measure flow based on the individual unit operations occurring at each respective unit based upon actual measured conditions (ex. cycles per discharge, tank levels, mass balance, etc). Requests of any such calculations in lieu of direct measurement shall be submitted via a minor modification request for approval and revision of the permit.

Mar 01, 2020:

The permittee shall select its waste minimization and/or wastewater treatment alternatives and shall begin bench/pilot scale treatability studies. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for Perfluorocctanic Acid (PFOA) and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.

Mar 01, 2020:

The permittee shall begin construction of any necessary upgrades and/or system modifications to achieve the total residual chlorine limitations at Outlet 001.

Sep 01, 2020:

The permittee shall complete bench/pilot scale treatability studies and shall begin project design. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for Perfluorooctanic Acid (PFOA) and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.

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B. SCHEDULE OF COMPLIANCE

1. The permitee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule:

Sep 01, 2020;

The permittee shall complete the construction of any upgrades and/or system modifications and shall comply with the final effluent limitations for total residual chlorine at Outlet 001.

Apr 01, 2021:

The permittee shall complete project design and begin construction of the selected alternatives. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for Perfluorocatanic Acid (PFOA) and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet

007.

Sep 01, 2021;

The permittee shall complete the construction of any upgrades and/or system modifications and shall comply with the final effluent limitations for Perfluorocctanic Acid (PFOA) and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at Outlet 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA, and HFPO (GenX) at Outlet 005;

and temperature (May and October) at Outlet 007.

2. Reports of compliance or non-compliance with, and progress reports on interim and final requirements contained in the above compliance schedule, if any, shall be postmarked no later than 14 days following each schedule date.

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Section C - Other Requirements

- 01. The permittee shall practice good housekeeping including maintaining the facility grounds. There shall be no scattered parts, equipment, debris, etc. Any and all drums shall be either stored in a covered area or kept upon pallets and properly sealed.
- O2. The issuance of this permit shall not relieve the permittee of the obligation to comply with any other federal, state or local laws. Compliance with this permit does not relieve the permittee from the obligation of Section 311 of the Clean Water Act. This permit does not authorize spills of hazardous substances/wastes from any permitted outlet into waters of the State. Such incidents are to be reported in accordance with Sections IV.1 and IV.2 of Appendix A of this permit.
- 03. Upon review of information submitted under terms and conditions of this permit, the permit may be modified to require additional effluent limitations/monitoring requirements and/or improved best management practices.
- 04. The permittee shall notify the Division of Water and Waste Management immediately when it becomes aware of any migration of any pollutant from any unpermitted source (such as contaminated groundwater and/or storm water) into surface waters of the State. Notification is not required for any condition or activity that the Agency has already permitted or taken an enforcement action upon unless said permit or action taken by the agency did not consider the pollutant.
- 05. Without prior approval from the agency, the permittee shall not accept and treat wastewater from any other non-Chemours owned or operated facility. Chemours may continue to accept wastewater from the on-site tenants listed in Section C.28 as well as the following entities:

DuPont owned Little Hocking Service Center Chemours' Dry Run Landfill Chemours' Local Landfill

- 06. The permittee shall submit each month according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration and/or quantities the values of the constituents listed in Section A analytically determined to be in the plant effluent(s). Additional information pertaining to effluent monitoring and reporting can be found in Section III of Appendix A.
- 07. The required DMRs shall be received by the agency no later than 25 days following the end of the reporting period in accordance with the following requirements. The agency is now requiring the permittee to utilize our electronic discharge monitoring report (eDMR) system which is now mandatory. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request for DEP personnel.

E. Director
Division of Water and Waste Management
601 57th Street, SE
Charleston, West Virginia 25304
Attn: Permitting Branch

U. S. Environmental Protection Agency Region III, Water Protection Division NPDES Enforcement Branch (3WP42) 1650 Arch Street Philadelphia, PA 19103

Department of Environmental Protection Environmental Enforcement 2311 East Ohio Avenue Parkersburg, West Virginia 26101 ph: 304.420.4635 / fax: 304.420.4554

08. For any noncompliance reports to be submitted in writing by this permit, a copy shall also be forwarded to the EPA at the location specified under Condition C.07 of this permit.

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Section C - Other Requirements

69. Any "not detected (ND)" results by the permittee must be "ND" at the method detection limit (MDL) for the test method used for that parameter and must be reported as less than the MDL used. The permittee may not report the result as zero, "ND", or report the result as less than a minimum level (ML), reporting limit (RL), or practical quantitation limit (PQL).

When averaging values of analytical results for DMR reporting purposes for monthly averages, the permittee should use actual analytical results when these results are greater than or equal to the MDL and should use zero (0) when these results are less than the MDL. If all analytical results are non-detect at the MDL (<MDL), then the permittee should use the actual MDL in the calculation for averaging and report the result as less than the average calculation.

- 10. In incidences where a specific test method is not defined, the permittee shall utilize an EPA approved method by a State of West Virginia certified laboratory with a method detection limit (MDL) sensitive enough to confirm compliance with the permit effluent limit for that parameter. If a MDL is not sensitive enough to confirm compliance, the most sensitive approved method must be used. If a more sensitive EPA approved method becomes available, that method shall be used. Should the current and/or new method not be sensitive enough to confirm compliance with the permitted effluent limit, analytical results reported as "not detected" at the MDL of the most sensitive method available will be deemed compliant for purposes of permit compliance. Results shall be reported on the Discharge Monitoring Reports as a numeric value less than the MDL.
- 11. The permittee shall not use alternate DMRs without prior approval from this Agency.
- 12. The Groundwater Protection Plan (GPP) shall be maintained at the plant site and shall be available for inspection by the Division of Water and Waste Management personnel.
- 13. The permittee shall implement and maintain the storm water pollution prevention plan (SWPPP) for the site. The SWPPP shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with the industrial activity. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with the industrial activity at the facility and to assure compliance with the terms and conditions of this permit. A copy of this document shall be retained at the site for review upon request.
- 14. The following storm water requirements apply to Outlet(s) 011, 016, 019, 022, 023, 025, 026, 030-034 and 036:
 - a. Samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Samples shall be taken during the first thirty (30) minutes, or as soon thereafter as practicable, of the storm event.
 - b. Each outlet shall be monitored separately.

C.	Pollutant	Benchmark Value
	Chemical Oxygen Demand	120 mg/l
	Total Suspended Solids	100 mg/l
	Total Aluminum	0.75 mg/l
	Total Iron	1.5 mg/l
	Ammonia Nitrogen	4.0 mg/l
	PFOA	1.57 mg/1
	r. E	6 0 to 9 0 8 H

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Section C - Other Requirements

When the concentration results from a minimum of four consecutive samples of a pollutant are all less than the corresponding benchmark value for the pollutant, additional monitoring for the pollutant is not required (this waiver does not apply to monitoring for PFOA). The facility shall submit, each year, to the Division of Water and Waste Management, in lieu of the monitoring data, a certification (form will be provided upon request) that there has not been a significant change in the industrial activity or the pollution prevention measures in the area of the facility that drains to the outlet for which sampling is to be waived. If the concentration of a pollutant exceeds the corresponding benchmark concentration or a pH value is not within the range of 6.0 to 9.0 S.U., monitoring shall be continued and storm water pollution prevention practices shall be revised and implemented. A letter stating the revised and implemented storm water pollution prevention practices shall be submitted to the Division of Water and Waste Management at the address listed in Section C.07.

A waiver may not be claimed for constituents that do not have a benchmark defined in Section C.14.c. or constituents in Section A that have been assigned effluent limitations.

- 15. If there is evidence indicating potential or realized impacts on water quality due to any storm water discharge associated with industrial activity covered by this permit, the permit may be promptly modified and/or reissued to include effluent limitations and/or other requirements to control such storm water discharges.
- 16. The following conditions apply only to the package sewage treatment plant:
 - a. The herein described treatment works, structures, electrical, and mechanical equipment shall be adequately protected from physical damage by the maximum expected twenty-five (25) year flood level, and operability shall be maintained during the ten (10) year flood level.
 - The entire sewage treatment facility shall be adequately protected by fencing.
 - c. Continuous maintenance and operation of the listed sewage treatment facility shall be performed by, or supervised by, a certified operator possessing at least a Class I certificate, for Waste Water Treatment Plant Operators, issued by the State of West Virginia.
 - d. The permittee shall connect to a municipal or public service district sewage collection system when one becomes available; however, prior to this connection, the permittee shall obtain written permission from the municipal or public service district sewage system authority which will receive the waste and submit a request along with one (1) copy of the written permission to the Division of Water and Waste Management for approval.
- 17. If any portion of the Permittee's discharge that is identified as being subject to Federal Effluent Guideline(s) and the new or revised requirements of the Federal Effluent Guideline(s) are not currently in this permit, the Director may reopen or reissue this permit to incorporate additional, more stringent requirements or limitations.
- 18. As this permit requires continuous monitoring of the pHs of the effluent from Outlet(s) 002, the permittee shall maintain the pHs of such effluents within the range of 6.0 9.0, except excursions from the range are permitted subject to the following limitations, provided the discharges do not cause violations of the standards established in 47 CSR 2, Section 8 of the West Virginia Legislative Rules:
 - a. The total time during which the pH values are outside of the required ranges shall not exceed 7 hours and 26 minutes in any calendar month, and;
 - b. No individual excursion from the range of pH values shall exceed 60 minutes.
- 19. The permittee shall perform chronic toxicity tests as described below, on the effluent from Outlet 005:
 - a. Such testing will determine if an appropriate dilute effluent sample affects the survival or reproduction of the test species. 24-hour flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing. An appropriate statistical test shall be used to determine whether differences in control and effluent data are significant.

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Section C - Other Requirements

19. a. i) The permittee shall conduct a three brood (6-8 days) Ceriodaphnia Dubia survival and reproduction toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confident level in survival or reproduction between Ceriodaphnia Dubia exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20% of the test organisms die, or less than 60% of surviving females in controls produced their third brood, that test shall be repeated.

- ti) The permittee shall conduct a 7-day Pimephales Promelas fathead minnow larval survival and growth toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confidence level in survival or growth between fathead minnows exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20% of the test organisms die, or average dry weight of surviving controls was less than 0.25 mg/l that test shall be repeated.
- Results shall be reported in terms of chronic toxic units (TUc) and shall be submitted with the corresponding monthly Discharge Monitoring Report (DMR).

TUc= 100/NOEC or NOEL

Where NOEC (or NOEL) is No Observed Effect Concentration (or Level), which is expressed as percent (volume) effluent in dilution water.

For Example, if NOEC is 10%, TUc= 100/10=10

When the effluent demonstrates no toxicity at 100% effluent (no observed effect), the permittee may report zero TUc.

- c. The monitoring required, herein, shall be conducted in accordance with the sample collection, preservation, and analytical procedures specified in 40 CFR 136.
- d. In addition to the monitoring data reporting requirements of 40 CFR 136, the exact age of the test organisms at the initiation of the test shall be reported. Values of less than or equal to 24 hours are acceptable for Pimephales Promelas, fathead minnow. The range of the Ceriodaphnia Dubia used must be reported as a range in hours. All Ceriodaphnia Dubia used in the test must be less than 24 hours of age at test commencement. The age difference between the youngest and oldest Ceriodaphnia Dubia used in the test must not exceed eight (8) hours.
- e. The chronic toxicity testing shall be performed on an quarterly basis. There shall be a minimum of three (1) month between required sampling events.
- f. If chronic effluent toxicity testing exceeds 4.5 TUc, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial demonstration of the exceedance. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.
 - If the second test is below 4.5 TUc, chronic effluent toxicity testing shall continue in accordance with the requirements, as prescribed herein. However, if the second test shows an exceedance, the Director shall impose further requirements, as may be necessary, in order to address chronic effluent toxicity.
- g. The Director may impose further requirements should the chronic effluent toxicity testing results demonstrate toxocity.
- 20. The permittee shall perform acute effluent toxicity testing at Outlets 001, 002, and 003 in accordance with the following.
 - a. The acute effluent toxicity testing prescribed, herein, shall be 48-hour static acute toxicity tests utilizing Pimephales Promelas fathead minnow and Ceriodaphnia Dubia as the test species.

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Section C - Other Requirements

20. b. The acute toxicity testing shall be performed on a quarterly basis for Outlet 002 and semi-annual basis at Outlets 001 and 003. The first acute toxicity testing shall be carried out within 3 months from the effective date of the permit for Outlets 001 and 003. There shall be a minimum of three (3) months between required sampling semiannual sampling events at Outlets 001 and 003 and a minimum of one month between required quarterly sampling events at Outlet 002.

- 24-hour flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing.
- d. The dilution water should be a representative sample of the receiving water and should be obtained from a point as close as possible to but upstream or outside of the zone influenced by the effluent. If dilution water from the receiving stream is not suitable, some other uncontaminated, well-aerated surface or groundwater or commercially available media or reconstituted laboratory water can be used.
- e. Testing and reporting of the result shall be performed in accordance with 40 CFR 136 and must be submitted with the Discharge Monitoring Report (DMR) for the month following the completion of each test. LC50 shall be converted into Acute Toxic Units (TUa) using the following formula:

TUa = 100/LC50For example, if LC50 is 100%, then TUa = 100/100 = 1.

When the LC50 is greater than 100%, the permittee shall report the acute toxicity as less than 1 TUa. When the effluent demonstrates no toxicity (no organisms die), the permittee may report zero TUa.

- f. If acute effluent toxicity testing exceeds 1 TUa at Outlets 001, 002, or 003, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial exceedance of 1 TUa noted value noted above. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.
- g. The Director may impose further requirements should the acute effluent toxicity testing results demonstrate toxicity.

Reserved.

- 22. The Division has started to analyze the impacts of nutrients upon water quality and whether there is a need to establish nutrient water quality standards. Therefore, the Division shall impose effluent sampling for Total Nitrogen and Total Phosphorus in order to assist in this analysis. The Division recognizes there is not an EPA approved method to directly test for Total Nitrogen. The Total Nitrogen value to be reported on the permittee's Discharge Monitoring Reports (DMRs) shall be the sum of the following parameters; Total Kjeldahl Nitrogen, Nitrate and Nitrite.
- 23. Available sampling methods for total residual chlorine (TRC) are currently not sensitive enough to confirm compliance with the permit limitations imposed at the facility. Total residual chlorine (TRC) samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136. Because the permittee does not operate a certified wastewater laboratory at the plant site but still must comply with the instantaneous sample-type requirements, the permittee shall use an EPA Approved Method with at least a method detection level (MDL) of 100 ug/l. Any TRC sampling result reported as less than the MDL stated above shall be assumed to confirm compliance for purposes of permit enforcement. Should a more sensitive EPA approved method become available for field analysis of TRC, the permittee shall perform TRC self-monitoring in accordance with the new method. If the new method is not sensitive enough to determine compliance with specified TRC limits, analytical results reported as "not detected" at the MDL of the new method will be deemed compliant for purposes of permit enforcement.
- 24. Effluent monitoring for the following pollutants shall be conducted using the most sensitive methods and detection levels commercially available and economically feasible. The following methods are to be used unless the permittee desires to use an EPA Approved Test Method with a listed lower method detection level. Regardless, it is recognized that detection levels can vary from analysis to analysis and that non-detect results at a different MDL for the specified test method would not constitute a permit violation.

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Section C - Other Requirements

24 Parameter	EPA Test Method	Method Detection Level (ug/1)
Antimony, Total	200.8	0.4
Arsenic, Total Recoverable	200.9	0.5
Beryllium, Total	200.9	0.02
Bromoform	601	0.2
Cadmium, Total Recoverable	200.9	0.05
Chloroform	601	0.05
Copper, Total Recoverable	200.8	0.5
Lead, Total Recoverable	200.8	0.6
Mercury, Total	245.7 / 1631	0.0018 / 0.0002
Methyl Chloride	601	0.08
Methylene Chloride	601	0.25
3,4-Benzofluoranthene	610 / 625.1*	0.018 / 0.02
Phenolics, Total Recoverable	420.4	2
Selenium, Total Recoverable	200.9	0.6
Thallium, Total	200.8	0.3
Toluene	602	0.2
Trichloroethylene	601	0.12
Zinc, Total Recoverable	200.8	1.8
PFOA	SW8321B**	0.00979
HFPO-DA (GenX)	SW8321B**	0.0051

*The permittee may use Method 625.1 in lieu of EPA Method 610 for PAHs contingent on the laboratories ability to achieve an Method Detection Limit (MDL) of 0.02 ug/1.

25. This permit only authorizes the discharge of process wastewater via Outlet(s) 002 and 005 from the manufacture of 40 CFR 414 Subpart C, D, E, and F OCPSF products. This permit does not authorize the discharge of partially or untreated 40 CFR 414 process wash water via Outlet 003 or 40 CFR 414 contaminated stormwater via Outlet 006.

The permittee must modify this permit prior to discharging or accepting from offsite any process wastewater from the manufacturing of any other products at the facility.

26. In conformance with 40 CFR 122.44(a)(2) a monitoring waiver may be granted for pollutants not present in the discharge. Historical data has shown consistent non-detects for the following pollutants listed below. As such, monitoring for these pollutants has been removed in accordance with 40 CFR 122.44 (a)(2). However, this regulation does not waive the permit limitations for all applicable guideline-listed pollutants in 40 CFR 414 Subpart J applicable at Outlet 002 and Outlet 005. Therefore, a monitoring waiver is granted for the pollutants listed below; however, the limitations shall remain in effect as listed below. The permittee must still sample the pollutants listed below as part of the required testing for the next permit renewal application. Any testing conducted by the permittee for these pollutants shall be in accordance with Sections C.9, C.10, and C.24.

3.

OUTLET 002:			
or on this exist, so, so, on this or on	MAS	S LIMITS	
w.,	Avgerage	Max	
Pollutant	Monthly	Daily	Units
to an on the or on the or on the			
Acenaphthene	0.2926	0.7238	lbs/day
Acenaphthylene	0.2926	0.7238	lbs/day
Acrylonitrile	1.4476	3.5727	lbs/day
Anthracene	0.2926	0.7238	lbs/day
Benzene	0.8778	2.0635	1bs/day
Benzo(a) anthracene	0.2926	0.7238	lbs/day
Benzo(k) fluoranthene	0.2926	0.7238	lbs/day
Benzo(a)pyrene	0.3080	0.7392	1bs/day
Bis(2-ethylhexyl) phthalat	1.4630	3.9731	lbs/day
Carbon Tetrachloride	2.1867	5.8518	lbs/day
Chlorobenzene	2.1867	5.8518	lbs/day
Chloroethane	1.6940	4.5429	lbs/day
Chrysene	0.2926	0.7238	lbs/day

^{**}The permittee shall utilize the most recent revision of Method SW8321.

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Section C - Other Requirements

26. a.	Di-n-butyl phthalate	0.3080	0.6622	lbs/day
	1,2-Dichlorobenzene	3.0183	12.2273	lbs/day
	1,3-Dichlorobenzene	2.1867	5.8518	lbs/day
	1,4-Dichlorobenzene	2.1867	5.8518	lbs/day
	1,1-Dichloroethane	0.3388	0.9086	lbs/day
	1,2-Dichloroethane	2.7719	8.8394	lbs/day
	1,1-Dichloroethylene	0.3388	0.9240	lbs/day
	1,2-trans-Dichloroethylene	0.3850	1.0164	lbs/day
	1,2-Dichloropropane	3.0183	12.2273	lbs/day
	1,3-Dichloropropylene	3.0183	12.2273	lbs/day
	Diethyl phthalate	0.7084	1.7402	lbs/day
	2,4-Dimethylphenol	0.2926	0.7238	lbs/day
	Dimethyl phthalate	0.2926	0.7238	lbs/day
	4,6-Dinitro-o-cresol	1.2012	4.2657	lbs/day
	2,4-Dinitrophenol	18.5873	66.0796	lbs/day
	Ethylbenzene	2.1867	5.8518	lbs/day
	Fluoranthene	0.3388	0.8316	lbs/day
	Fluorene	0.2926	0.7238	lbs/day
	Hexachlorobenzene	3.0183	12,2273	lbs/day
	Hexachlorobutadiene	2.1867	5.8518	lbs/day
	Hexachloroethane	3.0183	12.2273	lbs/day
	Naphthalene	0.2926	0.7238	lbs/day
	Nitrobenzene	34.4489	98.5881	lbs/day
	2-Nitrophenol	1.0010	3.5573	lbs/day
	4-Nitrophenol	2,4947	8.8702	lbs/day
	Phenanthrene	0.2926	0.7238	lbs/day
	Phenol	0.2926	0.7238	lbs/day
	Pyrene	0.3080	0.7392	1bs/day
	Tetrachloroethylene	0.8008	2.5255	lbs/day
	1,2,4-Trichlorobenzene	3.0183	12.2273	lbs/day
	1,1,1-Trichloroethane	0.3388	0.9086	lbs/day
	1,1,2-Trichloroethane	0.4928	1.9557	lbs/day
	Vinyl Chloride	1.4938	2.6487	lbs/day

b.

OUTLET 005:			
man par tak-tak par tak-tak man man mak kai par	MA	SS LIMITS	
	Avgerage	Max	
Pollutant		Daily	
Agenaphthene	0.9230	2.3477	
Acenaphthylene	0.9230	2.3477	
Acrylonitrile	4.3857		lbs/day
Anthracene	0.9230	2.3477	lbs/day
Benzene	2.3607	6.2400	lbs/day
Benzo(a)anthracene	0.9230	2.3477	lbs/day
Benzo (k) fluoranthene	0.9230	2.3477	lbs/day
parro (v) rrantamenta	0.3230	2.3%//	TDS/GSA
Benzo(a)pyrene	0.9694	2.4082	lbs/day
Bis(2-ethylhexyl) phthalat	4.5165	12.2558	lbs/day
Carbon Tetrachloride	4.8367	12.8000	lbs/day
Chlorobenzene	4.7944	12.6592	lbs/day
Chloroethane	5.0148	13.2951	lbs/day
2-Chlorophenol	0.4365	1.3799	lbs/day
Chrysene	0.9230	2.3477	lbs/day
Di-n-butyl phthalate	1.0257	2.1905	lbs/day
1,2-Dichlorobenzene	7.4103	27.9224	lbs/day
1,3-Dichlorobenzene	5.0197	12.8845	lbs/day
1,4-Dichlorobenzene	4.7944	12.6592	lbs/day
1,1-Dichloroethane	1.0199	2.7351	lbs/day
1,2-Dichloroethane	6.7672	21.4976	lbs/day
1,1-Dichloroethylene	0.9354	2.2886	lbs/day

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Section C - Other Requirements

26. b.	1,2-trans-Dichloroethylene	1.1026	2.8906	lbs/day
MANGE OF K	2,4-Dichlorophenol	0.5491	1.5770	lbs/day
	1,2-Dichloropropane	8.4805	28.8659	lbs/day
	1,3-Dichloropropylene	6.7345	26.2468	lbs/day
	Diethyl phthalate	2.6252	6.5056	lbs/day
	2,4-Dimethylphenol	0.8667	2.0239	lbs/day
	Dimethyl phthalate	0.8808	2.1788	lbs/day
	4,6-Dinitro-o-cresol	3.6158	12.8409	lbs/day
	2,4-Dinitrophenol	39.9571	140.2290	lbs/day
	2,4-Dinitrotoluene	1.5911	4.0130	lbs/day
	2,6-Dinitrotoluene	3.5906	9.0257	lbs/day
	Ethylbenzene	5.0338	13.7857	lbs/day
	Fluoranthene	1.0621	2.7004	lbs/day
	Fluorene	0.9230	2.3477	lbs/day
	Hexachlorobenzene	6.5373	26.0216	lbs/day
	Hexachlorobutadiene	4.8648	12.9549	lbs/day
	Hexachloroethane	6.6218	26.3877	lbs/day
	Naphthalene	0.9230	2.3477	lbs/day
	Nitrobenzene	72.5820	207.5896	lbs/day
	2-Nitrophenol	2.6753	8.4274	lbs/day
	4-Nitrophenol	6.2426	20.3371	lbs/day
	Phenanthrene	0.9230	2.3477	lbs/day
	Phenol	0.8245	1.8831	lbs/day
	Pyrene	0.9975	2.4927	lbs/day
	Tetrachloroethylene	1.9881	6.0818	lbs/day
	1,2,4-Trichlorobenzene	7.2836	27.5986	lbs/day
	1,1,1-Trichloroethane	1.0058	2.6647	lbs/day
	1,1,2-Trichloroethane	1.3285	4.8594	lbs/day
	Vinyl Chloride	4.5952	9.3251	lbs/day

- 27. The following guidelines pertain to any investigatory activities, which generate liquid Investigation Derived Waste (IDW) including, but not limited to; groundwater monitoring, well development and sampling, and decontamination procedures.
 - a. Liquid IDW, which has been extracted from a site, shall be stored in a secure container suitable for off-site disposal (i.e. 55-gallon drum or holding tank), and its contents properly characterized by a West Virginia certified laboratory for all contaminants of concern at the site to determine the appropriate treatment or disposal method.
 - b. Storage of all liquid IDW shall be in a segregated manner (by area of concern, type of IDW, etc).
 - c. All non-decontamination liquid IDW that meets the groundwater quality standards for the State of West Virginia may be disposed of on-site. Liquid, which exceeds these criteria, shall be taken to a treatment facility specific to the constituents exceeding the groundwater criteria or handled as hazardous waste and disposed of as such.
- 28. Without prior approval from the agency, the permittee shall not accept and treat wastewater from any facility other than those listed below:

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Section C - Other Requirements

28	Facility Name	Outlet	SIC Code, Category
	non-day, and particular and could not only had not see that the state on the court of the court		increas son express particle, son extress por extress por particle, por particle, por
	E.I. DuPont de Nemours		
	- Delrin (Polyacetal Resins)	405	2821(4) & 2869, 40 CFR 414
	E.I. DuPont de Nemours	505	2821(3), 40 CFR 414
	- Specialty Compounding Unit		
	E.I. DuPont de Nemours		
	- Filaments	102	2824(1), 40 CFR 414
	- Zytel®		2821(3), 40 CFR 414
	- Eng. Polymer Compounding - East		
	Kuraray	125	2821(3), 40 CFR 414
	- Polyvinyl Resin		
	Kuraray (NCCW)	103/202	
	- Polyvinyl Resin	,	
	E.I. DuPont de Nemours (non-process)	NMR	
	- Technical Labs		
	- DuPont Site Operations		
	் வர் வர் வர் வர் வர் வர் வர் வர் வர் வர		

NMR: No Monitoring Required

- a. The acceptance of the wastewater from non-Chemours owned or operated facilities for treatment and disposal through Outlet 005 is contingent upon the following terms and conditions:
 - No discharger shall cause or contribute to pass through, interference, or upset of the Outlet 105/005 treatment plant/disposal system.
 - 2) The wastewater approved for acceptance from E.I. DuPont de Nemours consists of sanitary sewage, process wastewater, non-contact cooling water, steam condensate, and storm water runoff from the manufacturing of Specialty Compounding, Filaments (Nylon Fibers), Zytel® (Nylon Resins), Delrin® (Polyacetal Resins), and Polymer Compounding East products and additional non-process miscellaneous wastewater from Du Pont's Technical Labs and Site Operations. The subject wastewater (40 CFR 414 Subparts C and D) shall monitored per the requirements in Sections A.102, A.405 and A.505 (40 CFR 414 Subparts D, E, F) at a location prior to acceptance. De minimus amounts of other process wastewater, non-contact cooling water, and stormwater may be accepted contingent upon compliance with Section C.28.a.1.

The permittee shall not accept process wastewater from the manufacturing of any products that are regulated under any other part/subpart of the federal effluent guidelines from this offsite facility without prior approval from the agency.

3) The wastewater approved for acceptance from Kuraray consists of non-contact cooling water and steam condensate (Outlets 002, 003, 105), process wastewater and sanitary wastewater (Outlet 105), and storm water runoff (Outlets 002, 003) from the manufacturing of polyvinyl butyral resins. The polyvinyl butyral wastewater (40 CFR 414 Subparts D) shall be monitored per the requirements in Sections A.202, A.103, and A.125 at a location prior to acceptance. De minimus amounts of other process wastewater, non-contact cooling water, and stormwater may be accepted contingent upon compliance with Section C.28.a.1.

The permittee shall not accept process wastewater from the manufacturing of any products that are regulated under any other part/subpart of the federal effluent guidelines from this offsite facility without prior approval from the agency.

29. In order to reassess the mixing zones at the next permit issuance for Outlets 001, 002, 003, 005, 006, and 007, the permittee will be required to assess the background water quality in the Ohio River during the last two years of this permit in accordance with the following.

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Section C - Other Requirements

- 29. a. Background water quality data shall be collected at a location upstream of the discharge for which a mixing zone is being requested and downstream of any discharges that are upstream of the discharge for which a mixing zone is being requested.
 - b. A minimum of ten sample results shall be collected for temperature, pH, hardness, total suspended solids, and any other pollutant for which a mixing zone will be requested for each respective discharge outfall. Analytical test methods used shall be in accordance with Section C of this permit. Samples shall be collected during different calendar months.
 - e. Width and depth (river bottom samples shall be included) integrated samples shall be collected.
 - d. Background water quality data must be completed for each discharge and pollutant for which a mixing zone is being requested.
- 30. The upstream temperatures and discharge temperatures required by Sections A.001, A.002, A.003, A.005, A.006, and A.007 of this permit shall be collected concurrently. Concurrently shall be defined as no more than two hours between monitoring collected at the upstream location in the Ohio River and the respective discharge.
 - The permittee may, in lieu of sampling at an upstream location, collect a temperature measurement from the facilities water intake so long as the water intake remains representative of the temperatures observed at the upstream temperature location (i.e. above Outlet 001).
- 31. Prior to disposing of any solids generated by either the settling pond or the package sewage treatment plant, the permittee shall submit a letter of acceptance from the disposal facility to this Division. This does not apply to any normal solid wastes (trash/refuse) generated by the standard operation of the facility. However, those normal solid wastes shall be disposed of in a manner consistent with any, and all, appropriate laws and regulations. Additionally, this does not apply to any disposal methods identified in the permit application.
- 32. The permit includes net limits for total suspended solids (TSS) at Outlet Nos. 002 and 205. These net limits shall be determined by utilizing river intake/influent sampling information and the ratio of river water used at each outlet. River Intake/Influent river TSS samples shall be measured after any pretreatment and prior to combination with well water and prior to dissemination to any processes at the facility. Ratios and net mass values are as follows:

8.	Outlet No.	River Water Ratio
	50 50 At 50 00 At 50 00 At 50	***
0	002	0.46
	205	0.79

b. Outlet net mass values shall be determined from the following equation:

Outlet Net Mass = Outlet Gross TSS Mass (lbs/day) - (Outlet Flow (MGD) x River Intake TSS (mg/l) x River Water Ratio x 8.34)

33. The permittee may use raw glacial acetic acid, acetic anhydride, formaldehyde, and/or methanol to maintain bio-mass in the Outlet 105 treatment system during shutdown and/or maintenance activities at the plant per the following conditions:

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Section C - Other Requirements

33. a. The feed rate of the raw materials (i.e. raw glacial acetic acid, acetic anhydride, formaldehyde, methanol) alone or in combination to the plant influent shall not exceed 150 lbs per hour. Only high grade raw materials (99% purity or greater excluding water content) are approved for use. The raw materials shall be introduced into the influent of the WWTP in such a manner to avoid short circuiting. The actual volume fed into the WWTP shall be measured and recorded daily.

The Materials Safety Data Sheet (MSDS) for formaldehyde indicates a minimum LC50 of 10 mg/l for fish and therefore, to be protective of narrative water quality criteria, at no time shall the concentration of the product exceed 1 mg/l at Outlet 005.

The Materials Safety Data Sheet (MSDS) for acetic anhydride indicates a minimum LC50 of 265 mg/l for fish and therefore, to be protective of narrative water quality criteria, at no time shall the concentration of the product exceed 26.5 mg/l at Outlet 005.

The Materials Safety Data Sheet (MSDS) for glacial acetic acid indicates a minimum LC50 of 251 mg/l for fish and therefore, to be protective of narrative water quality criteria, at no time shall the concentration of the product exceed 25.1 mg/l at Outlet 005.

- b. The permittee shall continue to comply with all effluent limitations and sampling frequencies for all parameters at Outlet 105/005 during the application of all chemicals. All chemicals shall be applied in a manner that shall not cause or contribute to a violation of the state's numeric and narrative water quality standards at any permitted outlet.
- c. The discharge at Outlet 005 shall be visually inspected on a daily basis for conditions not allowable in State waters including but not limited to: distinct visible floating or settleable solids, scum, foam, oily slicks, odors, visible color, or any other condition as described in 47 CSR 2, Section 3.2 during application of the raw material feed (i.e. raw glacial acetic acid, acetic anhydride, formaldehyde, methanol). Any observed condition not allowable shall be immediately reported to agency personnel and the feed of raw materials ceased. Also, any significant change in continuously monitored parameters at Outlet 105/005 (ex. pH) or in oxygen demanding pollutants (BOD or COD) shall be immediately reported to the agency and the feed of raw materials ceased.
- 34. The permittee shall not discharge PFAS chemicals or their derivatives other than PFOA and HFPO-DA without prior approval from the agency.
- 35. Based on information submitted with the permit application, Outlets 013 and 028 have been determined to not have a potential to add polluntants to the receiving stream. As such, no monitoring is required of the discharges from these outlets contingent on the activity and flow quantity / concentration remaining similar to the values submitted in the permit application. Should the activity of flow quantity / concentration of the discharge significant change, or either outlet be observed adding pollutants to the receiving stream, the permitting shall submit a major permit modification application to re-impose monitoring in the permit.

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Section D - 316 (b) Intake Requirements

- 1. Based on a review of the water intake data submitted with the permit application, the agency has determined that the facility operates a water intake structure with a design flow of greater than 2 million gallons a day but less than 125 MGD actual flow and comes into direct contact with fish and other Ohio River organisms. In accordance with 316(b) of the Clean Water Act, the location, design, construction, and capacity of the cooling water intake structures (CWIS) for the permittee's facility shall reflect the best technology available (BTA) for minimizing adverse environmental impingement and entrainment at the intake structure.
- 2. The permittee shall submit the follow information concerning the construction and operation of its cooling water intake on or before 12 months from the issue date of the permit. At a minimum the following items shall be included:
 - a. 40 CFR 122.21(r)(2) Source Water Physical Data
 - A narrative description and scaled drawings showing the physical configuration of all source water bodies
 used by the facility, including areal dimensions, depths, salinity and temperature regimes, and other
 documentation that supports your determination of the water body type where each cooling water intake
 structure is located;
 - 2) Identification and characterization of the source waterbody's hydrological and geomorphological features, as well as the methods used to conduct any physical studies to determine the intake's area of influence within the waterbody and the results of such studies; and
 - 3) Locational Maps.
 - b. 40 CFR 122.21(r)(3) Cooling Water Intake Structure Data
 - A narrative description of the configuration of each of the cooling water intake structures and where it is located in the water body and in the water column;
 - Latitude and longitude in degrees, minutes, and seconds for each of the cooling water intake structures;
 - 3) A narrative description of the operation of each cooling water intake structure, including design intake flows, daily hours of operation, number of days of the year in operation, and seasonal changes (if applicable);
 - 4) A flow distribution and water balance diagram that includes all sources of water to the facility, recirculating flows, and discharges; and
 - 5) Enginering drawings of the cooling water intake structure.
 - 40 CFR 122.21(r)(4) Source Water Baseline Biological Characterization Data
 - 1) A list of data in Sections D.2.c.2 through D.2.c.6 that are not available and documentation of the efforts made to identify the sources of the data;
 - A list of species (or relevant taxa) for all life stages and their relative abundance in the vicinity of the cooling water intake structure;
 - 3) Identification of the species and the life stages that would be most susceptible to entrainment. Species evaluated should include the forage base as well as those most important in terms of significance to commercial and recreational fisheries;
 - Identification and evaluation of the primary period of reproduction, larval recruitment, and period of peak abundance for relevant taxa;
 - 5) Data representative of the seasonal and daily activities (e.g. feeding and water column migration) of biological organisms in the vicinity of the cooling water intake structure;
 - Identification of all threatened, endangered, and other protected species that might be susceptible to entrainment at your cooling water intake structures;
 - Documentation of any public participation or consultation with Federal or State agencies undertaken in development of the plan; and

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Section D - 316 (b) Intake Requirements

2. c. 8) If the Source Water Baseline Characterization Data is collected using field studies, a description of all methods and quality assurance procedures for sampling, and data analysis including a description of the study area, taxonomic identification of sampled and evaluated biological assemblages (including all life stages of fish/shellfish); and sampling and data analysis methods. The sampling and/or data analysis methods must be appropriate for a quantitative survey and based on consideration of methods used in other biological studies performed within the same source water body. The study should include, at a minimum, the area of influence of the cooling water intake structure;

- Identification of protective measures and stabilization activities that have been implemented, and a
 description of how these measures and activities affected the baseline water condition in the vicinity of the
 intake;
- 10) A list of fragile species, as defined at 40 CFR 125.92(m), at the facility.
- d. 40 CFR 122.21(r)(5) Cooling Water System Data
 - A narrative description of the operation of the cooling water system and its relationship to cooling water intake structures; the proportion of the design intake flow that is used in the system; the number of days of the year the cooling water system is in operation and seasonal changes in the operation of the system, if applicable; the proportion of design intake flow for contact cooling, non-contact cooling, and process uses; a distribution of water reuse to include cooling water reused as process water, process water reused for cooling, and the use of gray water for cooling; a description of reductions in total water withdrawals including cooling water intake flow reductions already achieved through minimized process water withdrawals; a description of any cooling water that is used in a manufacturing process either before or after it is used for cooling, including other recycled process water flows; the proportion of the source waterbody withdrawn (on a monthly basis);
 - Design and engineering calculations prepared by a qualified professional and supporting data to support the description required by above; and
 - 3) Description of existing impingement and entrainment technologies or operational measures and a summary of their performance, including but not limited to reductions in impingement mortality and entrainment due to intake location and reductions in total water withdrawals and usage.
- e. 40 CFR 122.21(r)(6) Chosen Method of Compliance with the Impingement Mortality Standard
 - The owner or operator of the facility must identify the chosen compliance method for the entire facility; alternatively, the applicant must identify the chosen compliance method for each cooling water intake structure at its facility. The applicant must identify any intake structure for which a BTA determination for Impingement Mortality under 40 CFR 125.94 (c)(11) or (12) is requested. In addition, the owner or operator that chooses to comply via 40 CFR 125.94 (c)(5) or (6) must also submit an impingement technology performance optimization study as described below:
 - If the applicant chooses to comply with 40 CFR 125.94(c)(5), subject to the flexibility for timing provided in 40 CFR 125.95(a)(2), the impingement technology performance optimization study must include two years of biological data collection measuring the reduction in impingement mortality achieved by the modified traveling screens as defined at 40 CFR 125.92(s) and demonstrating that the operation has been optimized to minimize impingement mortality. A complete description of the modified traveling screens and associated equipment must be included, including, for example, type of mesh, mesh slot size, pressure sprays and fish return mechanisms. A description of any biological data collection and data collection approach used in measuring impingement mortality must be included:
 - (A) Collecting data no less frequently than monthly. The Director may establish more frequent data collection;
 - (B) Biological data collection representative of the impingement and the impingement mortality at the intakes subject to this provision;
 - (C) A taxonomic identification to the lowest taxon possible of all organisms collected;
 - (D) The method in which naturally moribund organisms are identified and taken into account;
 - (E) The method in which mortality due to holding times is taken into account;

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Section D - 316 (b) Intake Requirements

2. c. (F) If the facility entraps fish or shellfish, a count of entrapment, as defined at 40 CFR 125.92(j), as impingement mortality; and

- (G) The percent impingement mortality reflecting optimized operation of the modified traveling screen and all supporting calculations.
- 2) If the applicant chooses to comply with 40 CFR 125.94(c)(6), the impingement technology performance optimization study must include biological data measuring the reduction in impingement mortality achieved by operation of the system of technologies, operational measures and best management practices, and demonstrating that operation of the system has been optimized to minimize impingement mortality. This system of technologies, operational measures and best management practices may include flow reductions, seasonal operation, unit closure, credit for intake location, and behavioral deterrent systems. The applicant must document how each system element contributes to the system's performance. The applicant must include a minimum of two years of biological data measuring the reduction in impingement mortality achieved by the system. The applicant must also include a description of any sampling or data collection approach used in measuring the rate of impingement, impingement mortality, or flow reductions.
- (A) Rate of Impingement. If the demonstration relies in part on a credit for reductions in the rate of impingement in the system, the applicant must provide an estimate of those reductions to be used as credit towards reducing impingement mortality, and any relevant supporting documentation, including previously collected biological data, performance reviews, and previously conducted performance studies not already submitted to the Director. The submission of studies more than 10 years old must include an explanation of why the data are still relevant and representative of conditions at the facility and explain how the data should be interpreted using the definitions of impingement and entrapment at 40 CFR 125.92(n) and (j), respectively. The estimated reductions in rate of impingement must be based on a comparison of the system to a once-through cooling system with a traveling screen whose point of withdrawal from the surface water source is located at the shoreline of the source waterbody. For impoundments that are waters of the United States in whole or in part, the facility's rate of impingement must be measured at a location within the cooling water intake system that the Director deems appropriate. In addition, the applicant must include two years of biological data collection demonstrating the rate of impingement resulting from the system. For this demonstration, the applicant must collect data no less frequently than monthly. The Director may establish more frequent data collection.
- (B) Impingement Mortality. If the demonstration relies in part on a credit for reductions in impingement mortality already obtained at the facility, the applicant must include two years of biological data collection demonstrating the level of impingement mortality the system is capable of achieving. The applicant must submit any relevant supporting documentation, including previously collected biological data, performance reviews, and previously conducted performance studies not already submitted to the Director. The applicant must provide a description of any sampling or data collection approach used in measuring impingement mortality. In addition, for this demonstration the applicant must:
- (i) Collect data no less frequently than monthly. The Director may establish more frequent data collection;
- (ii) Conduct biological data collection that is representative of the impingement and the impingement mortality at an intake subject to this provision. In addition, the applicant must describe how the location of the cooling water intake structure in the waterbody and the water column are accounted for in the points of data collection;
- (iii) Include a taxonomic identification to the lowest taxon possible of all organisms to be collected;
- (iv) Describe the method in which naturally moribund organisms are identified and taken into account;
- (v) Describe the method in which mortality due to holding times is taken into account; and
- (vi) If the facility entraps fish or shellfish, a count of the entrapment, as defined at 40 CFR 125.92(j), as impingement mortality.

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Section D - 316 (b) Intake Requirements

2. e. (C) Flow reduction. If the demonstration relies in part on flow reduction to reduce impingement, the applicant must include two years of intake flows, measured daily, as part of the demonstration, and describe the extent to which flow reductions are seasonal or intermittent. The applicant must document how the flow reduction results in reduced impingement. In addition, the applicant must describe how the reduction in impingement has reduced impingement mortality.

- (D) Total system performance. The applicant must document the percent impingement mortality reflecting optimized operation of the total system of technologies, operational measures, and best management practices and all supporting calculations. The total system performance is the combination of the impingement mortality performance reflected in paragraphs (r)(6)(ii)(A), (B), and (C) of this section.
- f. 40 CFR 122.21(r)(7) Entrainment Performance Studies

The permittee shall submit any previously conducted studies or studies obtained from other facilities addressing technology efficacy, through-facility entrainment survival, and other entrainment studies. Any such submittals must include a description of each study, together with underlying data, and a summary of any conclusions or results. Any studies conducted at other locations must include an explanation as to why the data from the other locations are relevant and representative of conditions at the facility. In the case of studies more than 10 years old, the applicant must explain why the data are still relevant and representative of conditions at the facility and explain how the data should be interpreted using the definition of entrainment at 40 CFR 125.92(h).

- g. 40 CFR 122.21(r)(8) Operation Status
 - 1) For process units at your facility that use cooling water other than for power production or steam generation, if you intend to use reductions in flow or changes in operations to meet the requirements of 40 CFR 125.94(c), descriptions of individual production processes and product lines, operating status including age of each line, seasonal operation, including any extended or unusual outages that significantly affect current data for flow, impingement, entrainment, or other factors, any major upgrades completed within the last 15 years, and plans or schedules for decommissioning or replacement of process units or production processes and product lines;
 - 2) For all manufacturing facilities, descriptions of current and future production schedules; and
- 3. Descriptions of plans or schedules for any new units planned within the next 5 years.

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The herein-described activity is to be extended, modified, added to, made, enlarged, acquired, constructed or installed, and operated, used and maintained strictly in accordance with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0001279; with the plan of maintenance and method of operation thereof submitted with such application(s); and with any applicable rules and regulations promulgated by the Environmental Quality Board and the Secretary of the Department of Environmental Protection.

Failure to comply with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0001279; and with the plan of maintenance and method of operation thereof submitted with such application(s) shall constitute grounds for the revocation or suspension of this permit and the invocation of all the enforcement procedures set forth in Chapter 22, Article 11, or 15 of the Code of West Virginia.

This permit is issued in accordance with the provisions of Chapter 22, Article 11 and 12 and/or 15 of the Code of West Virginia and is transferable under the terms of Section 11 of Article 11.

Scott G. Mandirola, Director

Appendix A

I. MANAGEMENT CONDITIONS:

1. Duty to Comply

- a) The permittee must comply with all conditions of this permit. Permit noncompliance constitutes a violation of the CWA and State Act and is grounds for enforcement action; for permit modification, revocation and reissuance, suspension or revocation; or for denial of a permit renewal application.
- b) The permittee shall comply with all effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

2. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit at least 180 days prior to expiration of the permit.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.

4. Permit Actions

This permit may be modified, revoked and reissued, suspended, or revoked for cause. The filing of a request by the permittee for permit modification, revocation and reissuance, or revocation, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

5. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege.

6. Signatory Requirements

All applications, reports, or information submitted to the Director shall be signed and certified as required in Title 47, Series 10, Section 4.6 of the West Virginia Legislative Rules.

7. Transfers

This permit is not transferrable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.

8. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable specified time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, suspending, or revoking this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

9. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

10. Inspection and Entry

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- Enter upon the permittee's premises in which an effluent source or activity is located, or where records must be kept under the conditions of this
 permit;
- b) Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the State Act, any substances or parameters at any location.

11. Permit Modification

This permit may be modified, suspended, or revoked in whole or in part during its term in accordance with the provisions of Chapter 22-11-12 of the Code of West Virginia.

12. Water Quality

This discharge shall not cause or materially contribute to: distinctly visible floating or settable solids, suspended solids, scum, foam or oily slicks; deposits or sludge bank on the bottom; odors in the vicinity of the waters; taste or odor that would adversely affect the designated uses of the affected waters; distinctly visible color which may impair or interfere with the designated uses of the affected waters; and shall not cause a fish or mussel kill. The limitations and conditions in this permit for the discharges identified in this permit are limitations and conditions that are necessary to meet applicable West Virginia water quality standards, Requirements Governing Water Quality Standards 47 CSR 2.

13. Outlet Markers

A permanent marker at the establishment shall be posted in accordance with Title 47, Series 11, Section 9 of the West Virginia Legislative Rules.

14. Liabilities

- Any person who violates a permit condition implementing sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, 308 or 405 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both.
- Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years, or by both.
- c) Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years, or by both.
- d) Nothing in I.14 a), b), and c) shall be construed to limit or prohibit any other authority the Director may have under the State Water Pollution Control Act, Chapter 22, Article 11.

II. OPERATION AND MAINTENANCE:

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. Unless otherwise required by Federal or State law, this provision requires the operation of back-up auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit. For domestic waste treatment facilities, waste treatment operators as classified by the WV Bureau of Public Health Laws, W. Va. Code Chapter 16-1, will be required except that in circumstances where the domestic waste treatment facility is receiving any type of industrial waste, the Director may require a more highly skilled operator.

2. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3. Bypass

d)

- a) Definitions
 - "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility; and (1)
 - (2)"Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of II.3.c) and II.3.d) of this permit
- If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the c) (1)date of the bypass;
 - (2)If the permittee does not know in advance of the need for bypass, notice shall be submitted as required in IV.2.b) of this permit. Prohibition of bypass
 - (1) Bypass is permitted only under the following conditions, and the Director may take enforcement action against a permittee for a bypass, unless;
 - (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
 - The permittee submitted notices as required under II.3.c) of this permit.
 - The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the (2)three conditions listed in II.3.d.(1) of this permit.

4. Upset

- a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
- b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitation if the requirements of II.4.c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - (1)An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in IV.2.b) of this permit. (4)
 - The permittee complied with any remedial measures required under 1.3. of this permit.
- d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

5. Removed Substances

Where removed substances are not otherwise covered by the terms and conditions of this permit or other existing permit by the Director, any solids, sludges, filter backwash or other pollutants (removed in the course of treatment or control of wastcwaters) and which are intended for disposal within the State. shall be disposed of only in a manner and at a site subject to the approval by the Director. If such substances are intended for disposal outside the State or for reuse, i.e., as a material used for making another product, which in turn has another use, the permittee shall notify the Director in writing of the proposed disposal or use of such substances, the identity of the prospective disposer or users, and the intended place of disposal or use, as appropriate.

III. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. Reporting

- a) Permittee shall submit, according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration, and/or quantities, the values of the constituents listed in Part A analytically determined to be in the plant effluent(s). DMR submissions shall be made in accordance with the terms contained in Section C of this permit.
- b) Enter reported average and maximum values under "Quantity" and "Concentration" in the units specified for each parameter, as appropriate.
- c) Specify the number of analyzed samples that exceed the allowable permit conditions in the columns labeled "N.E." (i.e., number exceeding).
- d) Specify frequency of analysis for each parameter as number of analyses/specified period (e.g.,3/month is equivalent to 3 analyses performed every calendar month). If continuous, enter "Cont.". The frequency listed on format is the minimum required.

3. Test Procedures

Samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136, unless other test procedures have been specified elsewhere in this permit.

4. Recording of Results

For each measurement or sample taken pursuant to the permit, the permittee shall record the following information.

- a) The date, exact place, and time of sampling or measurement;
- b) The date(s) analyses were performed;
- c) The individual(s) who performed the sampling or measurement;
- d) The individual(s) who performed the analyses; if a commercial laboratory is used, the name and address of the laboratory;
- e) The analytical techniques or methods used, and
- f) The results of such analyses. Information not required by the DMR form is not to be submitted to this agency, but is to be retained as required in III.6.

5. Additional Monitoring by Permittee

If the permittee monitors any pollutant at any monitoring point specified in this permit more frequently than required by this permit, using approved test procedures or others as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

6. Records Retention

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for the permit, for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

7. Definitions

- a) "Daily discharge" means the discharge of a pollutant measured during a calendar day or within any specified period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.
- b) "Average monthly discharge limitation" means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
- c) "Maximum daily discharge limitation" means the highest allowable daily discharge.
- d) "Composite Sample" is a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall be two hours.
- e) "Grab Sample" is an individual sample collected in less than 15 minutes.
- f) "is" = immersion stabilization a calibrated device is immersed in the effluent stream until the reading is stabilized.
- g) The "daily average temperature" means the arithmetic average of temperature measurements made on an hourly basis, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar month, or during the operating month if flows are of shorter duration.
- h) The "daily maximum temperature" means the highest arithmetic average of the temperatures observed for any two (2) consecutive hours during a 24 hour day, or during the operating day if flows are of shorter duration.
- i) The "monthly average fecal coliform" bacteria is the geometric average of all samples collected during the month.
- "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or which a relationship to absolute volume has been obtained.
- k) "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to pump capabilities, water meters and batch discharge volumes.
- "Non-contact cooling water" means the water that is contained in a leak-free system, i.e., no contact with any gas, liquid, or solid other than the container for transport; the water shall have no net poundage addition of any pollutant over intake water levels, exclusive of approved antifouling agents.

IV. OTHER REPORTING

1. Reporting Spills and Accidental Discharges

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to Title 47, Series 11, Section 2 of the West Virginia Legislative Rules promulgated pursuant to Chapter 22, Article 11. Attached is a copy of the West Virginia Spill Alert System for use in complying with Title 47, Series 11, Section 2 of the Legislative rules as they pertain to the reporting of spills and accidental discharges.

2. Immediate Reporting

- a) The permittee shall report any noncompliance which may endanger health or the environment immediately after becoming aware of the circumstances by using the Agency's designated spill alert telephone number. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- b) The following shall also be reported immediately:
 - Any unanticipated bypass which exceeds any effluent limitation in the permit;
 - (2) Any upset which exceeds any effluent limitation in the permit; and
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit shall be reported immediately. This list shall include any toxic pollutant or hazardous substance, or any pollutant specifically identified as the method to control a toxic pollutant or hazardous substance.
- c) The Director may waive the written report on a case-by-case basis if the oral report has been received in accordance with the above.
- d) Compliance with the requirements of IV.2 of this section, shall not relieve a person of compliance with Title 47, Series 11, Section 2.

3. Reporting Requirements

- a) Planned changes. The permittee shall give notice to the Director of any planned physical alterations or additions to the permitted facility which may affect the nature or quantity of the discharge. Notice is required when:
 - (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in Section 13.7.b of Series 10, Title 47; or
 - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under IV.2 of this section.
- b) Anticipated noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- In addition to the above reporting requirements, all existing manufacturing, commercial, and silvicultural discharges must notify the Director in writing as soon as they know or have reason to believe;
 - (1) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, or any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (A) One hundred micrograms per liter (100 ug/l);
 - (B) Two hundred micrograms per liter (200 ug/l) for aerolein and aerylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitro phenol; and for 2-methyl 4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
 - (C) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.9 of Series10, Title 47.
 - (D) The level established by the Director in accordance with Section 6.3.g of Series 10. Title 47:
 - (2) That any activity has occurred or will occur which would result in any discharge (on a non-routine or infrequent basis) of a toxic which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (A) Five hundred micrograms per liter (500 ug/l);
 - (B) One milligram per liter (1 mg/l) for antimony;
 - (C) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.7 of Scries 10, Title 47;
 - (D) The level established by the Director in accordance with Section 6.3.g of Series 10. Title 47.
 - (3) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a routine or frequent basis of that toxic pollutant at levels which exceed five times the detection limit for that pollutant under approved analytical procedure.
 - (4) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a non-routine or infrequent basis of that toxic pollutant at levels which exceed ten times the detection limit for that pollutant under approved analytical procedure.

4. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under the above paragraphs at the time monitoring reports are submitted. The reports shall contain the information listed in IV.2.a). Should other applicable noncompliance reporting be required, these terms and conditions will be found in Section C of this permit.

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IFPO Dimer Acid eer Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Dady	Lbs/Day		N/A	1.4 Avg Monthly	2 Max Delly	N/A	ug/I			24 hr Composite
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Name of Principal Execu	000000000000000000000000000000000000000	I certify unde	r penalty of lav	that this d	locum corde	ent and all atta	ichments were tem designed	prepared to assure that	Date Co	mpleted	000000000000000000000000000000000000000		55005000000000000000000000000000000000
Title of Officer	000000000000000000000000000000000000000	qualified pen my inquiry of responsible f	sonnel properly the person or or gathering th	gather and persons whe information	d eval no ma on, the	uate the inform nage the syste e information s	nation submitte m, or those pe ubmitted is, to	ed. Based on ersons directly the best of my	Signatur Authoriz	e of Princ ed Agent	ipal E	xecutive Officer	or
Party W. S. W. S. W. S. S. W. S. S. W. S. S. W. S. W. S. S. W. S. W. S. W. S. S. W. S. W. S. S. W. S.		knowledge a penalties for	sible for gathering the information, the information submitted is, to the best dge and belief, true, accurate, and complete. I am aware that there are signes for submitting false information including the possibility of a fine and inment for knowing violations.										

FACILITY NAME: <u>(WE</u> LOCATION OF FACILI PERMIT NO.: WV000	TY: WASHING		County	OMPANY F	C. LL		FIED LABORA FIED LABORA	TORY NAME: TORY ADDRES	 ss:		annananananananananananananananananana		***************************************
WASTELOAD FOR TH	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	***************************************		of the same of the		INDIVI	DUAL PERFOR	RMING ANALYS	SIS:			Av-occossossossossossossossossossossossosso	
			Quantity			**************************************		Ither Units	27°07'0000000000000000000000000000000000			Measurement	Sample
Parameter				Units	NE	1. 12 Sec.			CEL*	Units	N.E.	Frequency	Туре
60050 (ML-1) RF-A	Reported			-	1			***************************************	**** ********************************		1	***************************************	
low,in Conduit or thru plant ear Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mgd		1/week	measured
0310 (ML-1) RF-A	Reported	ţ	****	***************************************	+		*					***************************************	
OD, 5-Day 20 Deg C ear Round	Permit Limits	364 Avg Monthly	970 Max Daily	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/week	24 hr Composite
0530 (ML-2) RF-A	Reported							***************************************					
otal Suspended Solids ear Round	Permit Limits	612 Avg. Monthly	1988 Max Dally	Lbs/Day	**************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	Calculated
0530 (ML-1) RF-A Stal Suspended Solids sar Round	Reported				-							ax.	
	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		N/A	Rpt Only Avg Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
4055 (ML-1) RF-A	Reported	***************************************		***************************************	•				***************************************	•		4474 (44444) (4444) (4444) (4444) (4444) (4444) (4444) (4444) (4444) (4444) (4444) (4444) (4444) (4444) (4444)	
oliform, Fecal ear Round	Permit Limits	N/A	N/A			N/A	200 Mon. Geo. Mean	400 Max. Daily	N/A	Cnts/100n		1/month	Grab
0400 (ML-1) RF-A	Reported				-			***				970000000000000000000000000000000000000	***************************************
H Dear Round	Permit Limits	N/A	NA			6 Inst Min	N/A	9 Inst. Max	WA	S.U.		Continuous	Recorded
CEL = Compliance Evalua	ation Level			Laurinia escalence con la	Amumm								***************************************
Name of Principal Exec	certify unde	er penalty of lav	v that this o	locum	ent and all atte	nt and all attachments were prepared ice with a system designed to assure that			Date Completed				
itle of Officer	,	qualified per my inquiry of responsible i knowledge a	sonnel properly fithe person or for gathering th	gather and persons when the persons when the persons to the person	d eval no ma on, the and co	uate the inform nage the syste e information s emplete. I am a	iation submitter m, or those per ubmitted is, to t ware that there	d. Based on rsons directly the best of my are significant		e of Princ ed Agent	ipal E	xecutive Officer	or y
		Imprisonmen	submitting rais it for knowing v	o miornati íolations	vii inc	inalid tue bos:	summy of a line	anu					

**************************************	M0:40-00-representation	***************************************	03/200000000000000000000000000000000000	an 1 65 65 1			W 1 (feet W 13)						
FACILITY NAME: (WA				OMPANY F	C. LL		FIED LABORA	TORY NAME:	SS:		***************************************		биод до с е по от
PERMIT NO.: WV000			<u>0</u>	02									
WASTELOAD FOR TH	E MONTH OF	·			·	INDIVI	DUAL PERFOR	RMING ANALYS	SIS:	***************************************	***************************************		
			Quantity		00000000000000000000000000000000000000		C	ther Units	***************************************	***************************************	000000000000000000000000000000000000000		T
Parameter				Units	NE				CEL*	Units	N.E.	Measurement Frequency	Sample Type
00610 (ML-1) RF-A	Reported								***************************************	1	1		***************************************
Ammonia Nitrogen Year Round nterim: 9/1/2018 to 8/31/2021	Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day		NA:	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
00610 (ML-1) RF-A	Reported			*	***************************************	1	Tolkondar (commence commence c			-	+		***************************************
Ammonia Nitrogen fear Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Mex Daily	Lbs/Day		N/A	3.2 Avg Monthly	5.4 Max Daily	NA	mg/l		1/week	24 hr Composite
00620 (ML-1) RF-B	Reported	***************************************		************	1					***************************************	1	***************************************	
itrogen Nitrate ear Round	Permit Limits	N/A	N/A	~		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
ittrogen, Total (as N)	Reported				-						+		
	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		N/A	Rpt Only Avg Monthly	Rpt Only Max. Daily	N/A	mg/l		1/year	24 hr Composite
0665 (ML-1) RF-D	Reported	***************************************	torros atorros distributivados de la companya de la							†	-	***************************************	
Phosphorus, Total Year Round	Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l	ed in the second se	1/year	24 hr Composite
50060 (ML-1) RF-A	Reported				*****				THE RESERVE OF THE PERSON NAMED IN COLUMN 1		050000000000000000000000000000000000000	***************************************	-
Chlorine, Total Residual Year Round	Permit Limits	NA	VA			N/A	0 028 Avg Monthly	0.057 Max Daily	0.1	mg/l		1/week	Grab
CEL = Compliance Evalua	***************************************	II popiác sap	lar napalty of la	decentrations						ndinamanananananananananananananananananan			
Name of Principal Execu	utive Officer	under my d	irection or super	vision in a	ccorda	ance with a sys	nt and all attachments were prepared ce with a system designed to assure that			mpleted	<u></u>		
Title of Officer	qualified personnel properly gather and evaluate the qualified personnel properly gather and evaluate the person or persons who manage the responsible for gathering the information, the information and complete penalties for submitting false information including the penalties for submitting false information including					te the information submitted. Based on ge the system, or those persons directly nformation submitted is, to the best of my plete. I am aware that there are significan			Signature of Principal Executive Officer or Authorized Agent				

CACILITY MARKET AND	CHINICTONIA	ADVANTUE A	Urrio 100 oo	X 000 A L IS 7 00.	~					*****	***************************************	nanananangahiy-giyygosooooooooooooo	***************************************
FACILITY NAME: WA LOCATION OF FACILIT				MPANY F	C. LL		IFIED LABORA		***************************************	nnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnn			r-vocconnecennoscennoscennoscenno
PERMIT NO.: WV000		31014, 44000 (20 anty 00	?	· · · · · · · · · · · · · · · · · · ·	CERT	IFIED LABORA	TORY ADDRES	SS:	N.L.		**************************************	MARIANA
WASTELOAD FOR TH				' Six			DUAL PERFOR	RMING ANALYS	SIS:				A0000001-00-6
	1		Quantity		378-Guibataaaaa		Vesteriore	ther Units			obcoscopologico)	22.7	1
Parameter		Olivinos (constitution of the Constitution of		Units	ĪNE				CEL*	Units	NE.	Measurement Frequency	Sample Type
71119 (ML-1) RF-B	Reported		***************************************	1	Ť	1		······································	*************************************	•	1	••••••••••••••••••••••••••••••	-
Copper, Total Recoverable fear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/i		1/quarter	24 hr Composite
1094 (ML-1) RF-A	Reported			***************************************				·		—	+		
Inc. Total Recoverable fear Round	Permit Limits	N/A	N/A			NA	Rot Only Ava Monthly	Rpt Only Max Daily	N/A	mg/l		1/month	24 hr Composite
							ļ						
'1900 (ML-1) RF-B	Reported											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
ar ryoung	Permit Limits	N/A	N/A	***************************************		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	***************************************	1/quarter	(Grab
	Reported												
liuminum, Total Recoverable ear Round	Permit Limits	N/A	WA			N/A	Rpt Only Arg Monthly	Rpt Only Mex Daily	N/A	mg/l		1/quarter	24 hr Composite
0980 (ML-1) RF-B	Reported											***************************************	<u> </u>
on, Total Recoverable ear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Morably	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
0940 (ML-1) RF-B	Reported	•								***************************************		***************************************	<u> </u>
hioride (as CI) ear Round	Permit Limits	N/A	Y			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
CEL = Compliance Evalua Name of Principal Exec	30000000000000000000000000000000000000	I certify unde	r penalty of law	that this d	locum	ent and all atta	achments were	J	Dete Co	mpleted			
	- Vary school constitutions	Under my din	action or supen connel property	vision in ac nather and	cords d aval	ance with a sys	item designed to	o assure that		and the second s	<u></u>		***************************************
Title of Officer	qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my												
into or Officer		knowledge a penalties for	nd belief, true, a	accurate, a a informatio	and oc	omplete, I am a	ware that there sibility of a fine	are significant			<u> entrenance</u>		**************************************

LOCATION OF FACILIT PERMIT NO.: WV0001	***************************************	3TON; Wood (County 00)2		CER	TIFIED LABORA	ATORY ADDRES	S:		******************************	00000000000000000000000000000000000000	
WASTELOAD FOR THE	MONTH OF:	>0000000000000000000000000000000000000				INDI	VIDUAL PERFO	RMING ANALYS	JIS:				
	À		Quantity	***************************************	00000000000000000000000000000000000000			Other Units				Measurement	Sample
Parameter		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and Land	Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
51425 (ML-1) RF-B	Reported	***************************************							<u></u>	***************************************	1	***************************************	
Acute Tox - Cerlodaphnia Dubia Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	TUa		1/quarter	24 hr Composite
31427 (ML-1) RF-B	Reported		500 CONTRACTOR CONTRAC	†	+		****	****			 	######################################	
Acute Toxicity - Pimephales Year Round	Permit Limits	N/A	N/A		***************************************	NA	Rpt Only Max Daily	Rpt Only Mex. Deally	N/A	TUa		1/quarter	24 hr Composite
34423 (ML-1) RF-A	Reported	***************************************		<u> </u>	1		****						***************************************
St Koulio	Permit Limits	O.55 Avg. Monthly	2.6 Max. Daily	Lbs/Day	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/month	Grab
H, No of Excursions >60 min	Reported				-		-	***************************************				~~~~	*************************************
	Permit Limits	N/A	O Max Daily	Ocur/Mon		N/A	N/A	N/A	N/A			Continuous	Continuous
32582 (ML-1) RF-A	Reported		ia consectoremento control de la control de		1	&		***************************************		-		**************************************	
oH Excursions Total Time Year Round	Permit Limits	N/A	N/A		NAME AND DESCRIPTION OF THE PARTY AND DESCRIP	N/A	N/A	446 Monthly Total	N/A	Minutes		Continuous	Continuous
39180 (ML-1) RF-B	Reported	†			+		***************************************	****					
frichloroethylene fear Round	Permit Limits	O.4 Avg. Monthly	1.1 Max Deliy	Lbs/Day		N/A	Rpt Only Avg Menthly	Rpt Only Mex Delly	N/A	ug/l		1/quarter	Grab
CEL = Compliance Evaluat	ion Level			&coccociococcoccocciddoccocco	-	8	·····			***************************************	d	••••••••••••	L
Name of Principal Execu	tive Officer	under my dir	ection or super	vision in ac	ccorda	ance with a sy	ttachments were ystem designed	to assure that	Date Co	mpleted		00000000000000000000000000000000000000	
		qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly Signature of Principal Executive Officer or									ror		
Title of Officer		responsible t knowledge a penalties for	for gathering the nd belief, true,	e information accurate, a e information	on, the	e information implete. I am	submitted is, to	the best of my re are significant	8	ed Agent			

FACILITY NAME: (WA				OMPANY F	C. LL			ATORY NAME: ATORY ADDRES		00************************************			99/m/k/sheessaassaassaassaassaassaassaassaassaa
PERMIT NO.: WV000		***************************************	<u>0(</u>)2			^^~~~~ <u>~~~</u>						
WASTELOAD FOR TH	E MONTH OF:		MIA-1	555550000000000000000000000000000000000	000000000000000000000000000000000000000	İNDIVI	DUAL PERF	ORMING ANALYS	3IS:		000000000000000000000000000000000000000	000000000000000000000000000000000000000	***************************************
	A. A.	Catalanteristra conscipulation de l'acceptation de l'acce	Quantity			_	***************************************	Other Units	g-1000000000000000000000000000000000000	angermen accessoration		Measurement	Sample
Parameter				Units	N.E				CEL*	Units	N.E.		Туре
34418 (ML-1) RF-A	Reported				1	***************************************					1		
Methyl Chloride Year Round	Permit Limits	1.7 Avg. Monthly	4.5 Max. Dally	Lbs/Day	***************************************	N/A:	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/month	Grab
01051 (ML-1) RF-B	Reported				***************************************	•	+	*****		-	1		
Lead, Total (as Pb) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	mg/l		1/quarter	24 hr Composite
79531 (ML-1) RF-B	Reported		***************************************	***************************************	*******************************	*		***************************************	***************************************	***************************************	-	***************************************	
3,4 Benzofluoranthene Year Round	Permit Limits	0.31 Avg. Monthly	0.74 Max. Daily	Lbs/Day		N/A	0.1 Avg. Monthly	O.15 Max. Daily	N/A	ug/l		1/quarter	24 hr Composite
Selenium, Total Recoverable	Reported				 				***************************************		************	••••••••••••••••••	
	Permit Limits	N/A	N/A			WA	Rpt Only Avg. Monthly	Rpt Only Mex Delly	N/A	mg/l		1/quarter	24 hr Composite
00978 (ML-1) RF-B	Reported		***************************************	***************************************	***************************************				***************************************			0.000,00,000,000,000,000,000,000,000,00	
Arsenic, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/quarter	24 hr Composite
34010 (ML-1) RF-A	Reported	***************************************			-		***************************************		***************************************		-		***************************************
Toluene Year Round	Permit Limits	0.43 Avg. Monthly	1.1 Max Daily	Lbs/Day		NA	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	mg/l		1/month	Grab
CEL = Compliance Evalua	tion Level			£			***************************************		MASSIC CONTRACTOR CONT				***************************************
Name of Principal Execu	certify under	r penalty of law action or super	v that this c vision in ac	locum corda	ent and all atta ance with a svs	ichments wer tem designed	e prepared to assure that	Date Co	mpleted	***************************************	000000000000000000000000000000000000000		
T'W - F AR - S	MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	qualified pers my inquiry of	onnel properly the person or	r gather an persons wi	d eval no ma	luate the informinage the syste	nation submitt m, or those p	ed. Based on ersons directly the best of my	Signatur Authoriz	e of Princed Agent	ipal E	xecutive Officer	or
Title of Officer		knowledge ar penalties for :	nd belief, true,	accurate, a e informati	and co	e information s implete. I am a duding the posi	ware that the	re are significant					

FACILITY NAME: <u>(WA</u> LOCATION OF FACILIT	TY: WASHING		County		C. LL		ERTIFIED LABOR ERTIFIED LABOR	RATORY NAME:	3S:	,00000000000000000000000000000000000000	(0000000000000000000000000000000000000	10000000000000000000000000000000000000	90000000000000000000000000000000000000
PERMIT NO.: WV000 WASTELOAD FOR TH		.xxxxxxxxxxxxxxxxxxx	ō	02			***************************************					**************************************	
WAS IELUAD FUR IN	E MUNITUE:			200000000000000000000000000000000000000	30000000000000000000000000000000000000	N!	***************************************	ORMING ANALYS	31S:	***************************************		200000000000000000000000000000000000000	20000000000000000000000000000000000000
Parameter			Quantity	Units	T _{NE}			Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
01097 (ML-1) RF-B	Reported	†			-	1		**************************************	*	***************************************	-	***************************************	!
Antimony, Total (as Sb) Year Round	Permit Limits	N/A	N/A	***************************************	www.	N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
32730 (ML-1) RF-8	Reported	<u> </u>			+								
Phenolica, Total Recoverable Year Round	Permit Limits	N/A	NA			NA	Rpt Only Avg Monihly	Rpt Only Max Daily	N/A	ug/l	An and in Contract of the Cont	1/quarter	24 hr Composite
00680 (ML-1) RF-A	Reported	†		1	-	1		***************************************	***************************************		-		ļ
Total Organic Carbon Year Round	Permit Limits	N/A	N/A	· ·	***************************************	WA	5.9 Avg. Monthly	7.9 Max. Delly	NA	mg/l		1/month	24 hr Composite
2106 (ML-1) RF-A	Reported				+	*			-		Commence		
Chloroform Year Round	Permit Limits	1.7 Avg Monthly	5 Mex. Daily	Lbs/Day		N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	ug/I		1/month	Grab
81020 (ML-1) RF-A	Reported			***************************************	X	!			<u> </u>	***************************************			<u> </u>
Sulfate Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	ANN THE PROPERTY OF THE PROPER	1/month	24 hr Composite
01069 (ML-1) RF-B	Reported		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	†	***************************************					100 COMMON COMMO	-		<u></u>
Thellium, Total (as TI) Year Round	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max. Delly	N/A	mg/l		1/quarter	24 hr Composite
' CEL = Compliance Evalua	ition Level	***************************************			A	<u> Accessorations contracts</u>		ama a manana	adoessooonistooparateessooo			Extende collection to the collection of the coll	
Name of Principal Execu	stive Officer	⊣ under my din	rection or super	rvision in ac	ccorda	ance with a	ll attachments wer a system designed	d to assure that	Date Cr	ompleted		2000053ATPiGanegosooooooooooooooooooooooooooooooooooo	
Title of Officer		qualified persumy inquiry of responsible functions and responsible functions for the responsible for the responsible for the responsible for the responsible functions for the responsible for the responsible functions functions for the responsible functions for the responsible functions for the responsible functions for the responsible functions functions for the responsible functions for the responsible functions	sonnel properly f the person or for gathering the and belief, true, submitting false	y gather and persons whe ne information accurate, a se information	id eval ho ma ion, the and co	luate the in inage the s e information omplete. I a	nformation submitt system, or those p ion submitted is, to am aware that the possibility of a fin	tted. Based on persons directly to the best of my ere are significant	Authoriz	re of Princ zed Agent	ipal E	xecutive Officer	or and a second
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	∐imprisonmer	nt for knowing v	iolations.	to se		* * * * * * * * * * * * * * * * * * * *		4				

CONTRACTOR OF THE PROPERTY OF							**************************************						
LOCATION OF FACILIT	Y: WASHING		County		C. LLC				:ss:				
			31.3			INDIV	DUAL PERFOR	RMING ANALY	'SIS:		**************************************		
			Quantily	500055000000000000000000000000000000000	>>		0	ther Units				Manaramant	Comple
Parameter	CERTIFIED LABORATORY ADDRESS	Frequency	Type										
CERTIFIED LABORATORY ADDRESS: CERTIFIED LABORATORY ADDRESS	Reported							***************************************			1		
	1/week	24 hr Composite											
51065 (ML-1) RF-A	Reported				*						1	***************************************	eek 24 hr Composite eek 24 hr Composite
	Permit Limits	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1	Lbs/Day	-	N/A	2 Avg Monthly	1	N/A	ug/l		1/week	
51715 (ML-1) RF-A	Reported		***************************************	***************************************									
Year Round	Permit Limits	-		Lbs/Day	***************************************	N/A	9 Avg. Monthly	1	N/A	ug/l		1/week	1
51715 (ML-1) RF-A	Reported										1		
1FPO Dimer Acid	Permit Limits			Lbs/Day	-	N/A	4	1	N/A	ug/l		1/week	24 hr Composite

* CEL = Compliance Evaluation Level

	certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
CONTROL CONTRO	link uidank of the bergot of bergons with manage the aktient of those bergotis difactly. I	Signature of Principal Executive Officer or Authorized Agent
	knowledge and belief, true, accurate, and complete. I am aware that there are significant	phononical control of the control of
	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations	

,5000000000000000000000000000000000000			20000000000000000000000000000000000000	Soor ensor, nor and	59. 11. a nugr	200 1715-713 C X 9-7 1 9 X 3 X	- Control State Control						
FACILITY NAME: (WA				OMPANY F	C, LL		TIFIED LABORA	ATORY NAME: ATORY ADDRES	SS:		Sandinony, page 19	**************************************	Military
PERMIT NO.: WV000	***************************************			003				3 2 TOP 1 3 0 4 3 300 Mar 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3					
WASTELOAD FOR TH	IE MONTH OF:	3	.0000000000000000000000000000000000000			INDIV	IDUAL PERFO	DRMING ANALYS	3IS:	000000000000000000000000000000000000000			***************************************
			Quantity	200000000000000000000000000000000000000	20082000000000000000000000000000000000			Other Units	20000000000000000000000000000000000000			Measurement	Sample
Parameter	**			Units	N.E.	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 w.m. 1 m.m.s		CEL*	Units	N.E		Туре
50050 (ML-1) RF-A	Reported				T					***************************************	***************************************		
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mgđ		1/month	measured
00530 (ML-1) RF-A	Reported				+	1	1		 		+	ļ	+
Total Suspended Solids Year Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		N/A	267 Avg Monthly	382 Max Daily	NA	mg/i		1/month	24 hr Composite
00400 (ML-1) RF-A	Reported	***************************************			***************************************	•	***************************************		-		4		***************************************
pH Year Round	Permit Limits	N/A	N/A		***************************************	6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		1/month	Grab
Ammonia Nitrogen	Reported				+			P			+		
	Permit Limits	NA.	N/A			NA .	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
50060 (ML-1) RF-A	Reported		CONTRACTOR	***************************************	***************************************	***************************************	+				-		Section Section Control of the Contr
Chlorine, Total Residual Year Round	Permit Limits	N/A	N/A			NA	0.028 Avg. Monthly	0.057 Max. Daily	0.1	mg/l		1/month	Grab
01119 (ML-1) RF-B	Reported	-			-	1					+	<u> </u>	***************************************
Copper, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
* CEL = Compliance Evalua Name of Principal Exec	***************************************		der penalty of la						TDate C	ompleted	00000000000000000000000000000000000000		
	200000000000000000000000000000000000000	qualified pe	lirection or supe ersonnel properl of the person or	ly gather and	id eval	lluate the inform	mation submitte	ed. Based on	Signatu	ire of Princ		Executive Officer	r or
Title of Officer	. Maria de Caracteria de C	responsible nknowledge a penalties fo	for gathering the	the information, accurate, a lse information	ion, the and oc ion inc	ne information somplete I am a	submitted is, to aware that there	the best of my re are significant	8	zed Agent	igar-controverentique		***************************************

FACILITY NAME: (WAS LOCATION OF FACILIT	Y: WASHING		County	and the second s	C, LL(ATORY NAME: ATORY ADDRES	 s:				· · · · · · · · · · · · · · · · · · ·
PERMIT NO.: WV0001 WASTELOAD FOR THE			<u>00</u>	3	eiden adareneeren	INDIVI	DUAL PERFO	ORMING ANALYS	is:	naceennaceennaceennaceennaceennaceennaceennaceennaceennaceennaceennaceennaceennaceennaceennaceennaceennaceennac	***************************************	90000000000000000000000000000000000000	
			Quantity			<u> </u>	594900000000000000000000000000000000000	Other Units				Measurement	C
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Sample Type
01114 (ML-1) RF-B	Reported				†						1		
Lead, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	***************************************	1/quarter	24 hr Composite
71900 (ML-1) RF-B	Reported		·		+		·		*******************************	-		**************************************	P
Vercury, Total (as Hg) Year Round	Permit Limits	NA .	N/A		San Control of Control	N/A	Rpt Only Avg Monthly	Rpt Only Mex Delly	NA	ug/l		1/quarter	Grab
01104 (ML-1) RF-B	Reported				-		A CONTRACTOR OF THE PROPERTY O			***	-	30000000000000000000000000000000000000	***************************************
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rot Only Mex. Delly	N/A	mg/l		1/quarter	24 hr Composite
Avg. Monthly Max Derly D0980 (ML-1) RF-B Reported ron, Total Recoverable Descript Limits N/A N/A N/A Rpt Only Rpt Only N/A mg/l 1/quarter	***************************************												
ron, Total Recoverable fear Round	Permit Limits	N/A	NA			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l			24 hr Composite
31425 (ML-1) RF-C	Reported				•		**************************************		***************************************	***************************************	***************************************	***************************************	***************************************
Acute Tox - Ceriodaphnia Dubia Year Round	Permit Limits	N/A	N/A		DANIE DE LA CONTRACTOR DE	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUa		1/6 months	24 hr Composite
31427 (ML-1) RF-C	Reported			***************************************						*			
Acute Toxicity - Pimephales fear Round	Permit Limits	N/A	N/A			N/A "	Rpt Only Avg Monthly	Rpt Only Mex Deily	N/A	TUa		1/6 months	24 hr Composite
CEL = Compliance Evaluat	ion Level					Shoobbideecciecobdecbideeccadbooodbooodbooodbooodbooodbooodboodd	iliacoccacaccocida a constante de la constante					(c: (TTTT)	
Name of Principal Execu	tive Officer		r penalty of law action or super					e prepared I to assure that	Date Co	mpleted			
Title of Officer	Projekti ir mada Nijeraiya (Nijeraika katana ana) kapang	Imy inquiry of	ionnel properly the person or p or gathering the	persons wi	no ma	nage the syste	m, or those p	ed Based on ersons directly the best of my	Signatu Authoria	re of Princ red Agent	ipal E	xecutive Officer	OT
nue of Officer		knowledge a		accurate, : e informati	and co	implete. I am a	ware that the	re are significant					

FACILITY NAME: (WA	SHINGTON W	ORKS) THE CI	HEMOURS CO	MPANY E	C.LL	CERT	IFIED LABORA	ATORY NAME:	2000000000000000000000		-		
LOCATION OF FACILIT		3TON; Wood C	ounty			CERT	IFIED LABORA	ATORY ADDRES	ß:				
PERMIT NO.: WV000		20000000000000000000000000000000000000	<u>00:</u>	3					-	***************************************	***************************************		000000000000000000000000000000000000000
WASTELOAD FOR TH	E MONTH OF:			200707/F00000/20000000000000000000000000	20000000000000000000000000000000000000	INDIV	DUAL PERFO	RMING ANALYS	JIS:			200000000000000000000000000000000000000	
and the second s	1 0		Quantity					Other Units	35555500000000000000000000000000000000	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	and a second	Measurement	Sample
Parameter			88, 65. X 85. 107 / 5. X	Units	N.E.				CEL*	Units	N.E.	S Years	Type
00981 (ML-1) RF-B	Reported	7	,										
Selenium, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
)0978 (ML-1) RF-B	Reported				+		***			-			***************************************
Arsenic, Total Recoverable Year Round	Permit Limits	N/A	NA			NA	Rpt Only Avg Monthly	Rot Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
)1097 (ML-1) RF-B	Reported	†	······································		***************************************	1	1			1			
Antimony, Total (as Sb) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
2730 (ML-1) RF-B	Reported				†				 	+	1		
Phenolics, Total Recoverable fear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/i	1/quarter 2 1/quarter 2 1/quarter 2 1/quarter 2 1/quarter 2 1/month in	24 hr Composite	
00011 (ML-7) RF-A	Reported	\$		<u> </u>	+								
femperature, F fear Round	Permit Limits	N/A	N/A	innonzinnonzinnonzi	and the second s	N/A.	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
)0011 (ML-1) RF-A	Reported					***************************************	20.000.000.0000.0000.0000.0000.0000.0000.000			***************************************			
femperature, F January 1-31	Permit Limits	NA.	WA.			NA	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	DEG.F.		1/month	insitu
xixxxxixxiixxixxxxxxixxxxxxixxxxxxixxxxx			***************************************	600000000000000000000000000000000000000		A	*	•••	***************************************	3			***************************************
CEL = Compliance Evalua		l certify under	r nenalty of law	v that this r	docum	nent and all att	achments were	* nrenared	T		7		
Name of Principal Execu	Jiive Umcer	under my dire	action or superv	vision in ac	ccorda	ance with a sys	stem designed	to assure that	Date Co	ompleted		suppressional de la company de	
Till - & Ashan		my inquiry of	the person or p	persons wi	ho ma	anage the syste	mation submitte em. or those pe submitted is, to	ersons directly				xecutive Office	ror
Title of Officer		knowledge an penalties for s	ny inquiry of the person or persons who manage the system, or those persons directly esponsible for gathering the information, the information submitted is, to the best of my including the information including the possibility of a fine and expense the process of the person of										

LOCATION OF FACILIT	CILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC CATION OF FACILITY: WASHINGTON; Wood County RMIT NO.: WV0001279 003 ASTELOAD FOR THE MONTH OF:							CERTIFIED LABORATORY ADDRESS:							
WASTELOAD FOR THE	MONTH OF:				***************************************	INDIV	IDUAL PERFO	RMING ANALYS	IS:						
			Quantity	gadratadrobassabinasahnrasada	d		(Other Units	***************************************		~~~~~	Measurement	Sample		
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Type		
00011 (ML-1) RF-A	Reported		***************************************	*****************************				***************************************	000000000000000000000000000000000000000	000 0000,000,0000,0000,000		000000000000000000000000000000000000000	Service accessor constraints		
Temperature, F February 1-28	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu		
00011 (ML-1) RF-A	Reported			***************************************							+				
femperature, F March 1-31	Permit Limits	N/A	N/A			NA	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	DEG F		1/month	Insitu		
00011 (ML-1) RF-A	Reported			***************************************	************					***********************			***************************************		
emperature, F pril 1-30	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu		
	Reported								***************************************	-	-	***************************************			
Temperaturs, F Viay 1-31	Permit Limits	N/A	N/A			NA	78 Avg Monthly	90 Max Daily	N/A	DEG.F		1/month	Insitu		
00011 (ML-1) RF-A	Reported			***************************************					******************************	***************************************					
femperature, F lune 1-30	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	DEG.F		1/month	Insitu		
00011 (ML-1) RF-A	Reported	<u> </u>	•				•••	***************************************	gericeous control (Control (Co	+	_				
Femperature, F July 1-31	Permit Limits	N/A	WA .			N/A	101 Avg Morthly	110 Max Delly	N/A	DEG F		1/month	Insitu		
CEL = Compliance Evaluat		I cerify unde	r nensity of law	that this d	acur	ent and all at	achments were	oranarad					- Company of the Comp		
Name of Principal Execu	mve Unicer	Junder my din	ection or super	vislon in ac	cord	ance with a sy	stem designed	to assure that	Date Co	ompleted	J				
		Imy inquiry of	the person or p	oersons wh	no ma	inage the syst	mation submitte em, or those pe submitted is, to	ersons directly		re of Princed Agent		xecutive Office	or		
Title of Officer		knowledge a penalties for	nd belief, true,	accurate, a e informatic	and co	omplete I am		e are significant		darishandarishananishanan birah					

FACILITY NAME: (WAS LOCATION OF FACILITY PERMIT NO.: WV0001	Y: WASHING				C, LLC		TIFIED LABORA	TORY NAME: TORY ADDRES	S:			300000000000000000000000000000000000000	100000000000000000000000000000000000000
WASTELOAD FOR THE						INDI	IDUAL PERFO	RMING ANALYS	IS:				
			Quantity				C	ther Units	************************			Measurement	Sample
Parameter	to sweet to	*		Units	N.E.				CEL*	Units	N.E.	B	Туре
00011 (ML-1) RF-A	Reported	<u> </u>			1	8					***************************************		***************************************
Temperature, F August 1-31	Permit Limits	N/A	N/A	*************************************		N/A	98 Avg. Monthly	110 Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A	Reported				 						—		
Temperature, F September 1-30	Permit Limits	N/A	N/A			NA	Rpt Only Avg Monthly	Rpt Only Max Darly	N/A	DEG F		1/month	Insitu
00011 (ML-1) RF-A	Reported	***************************************	***************************************		************						·······		
Temperature, F October 1-31	Permit Limits	N/A	N/A	***************************************		N/A	81 Avg. Monthly	93 Max Daily	N/A	DEG.F		1/month	Insitu
	Reported				†								
Temperature, F November 1-30	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Morthly	Rpt Only Max Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A	Reported								90000000000000000000000000000000000000				
Temperature, F December 1-31	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00680 (ML-1) RF-A	Reported							***	***************************************		+		
Total Organic Carbon Year Round	Permit Limits	N/A	N/A			N/A	5.7 Avg. Monthly	8 Max Daily	N/A	mg/l		1/month	24 hr Composite
* CEL = Compliance Evaluat	***************************************	I certify unde	er nenalty of lay	v that this o	locum	ent and all at	tachments were	prepared	, , , , , , , , , , , , , , , , , , ,				100000000000000000000000000000000000000
Name of Principal Execu	uve Unicer	under my die	under my direction or supervision in accordance with a system designed to assure that										***************************************
		Imy inquiry o	ualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly esponsible for gathering the information, the information submitted is, to the best of my										or
Title of Officer		knowledge a penalties for	and belief, true,	accurate, a e Informati	and co	omplete I am		e are significant		200000000000000000000000000000000000000	000000000000000000000000000000000000000		

Year Round

Year Round

51715 (ML-1) RF-A

HFPO Dimer Acid

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

				01001	MINOL	- 14101411 OLVII	10 ILLI VIVI						
FACILITY NAME: (WA) LOCATION OF FACILIT PERMIT NO.: WV000' WASTELOAD FOR THI	Y: <u>Washing</u> 1279	STON; Wood C		***************************************	C. LLC	CERT	TIFIED LABOR	ATORY NAME: ATORY ADDRE					
**************************************			Quantity					Other Units				Measurement	Sample
Parameter 01059 (ML-1) RF-B		e de la constanta de la consta		Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
, ,	Reported		· .					***************************************				<u>Committee valde distriction dissense de condicional distriction de condicional d</u>	
Thailium, Total (as Ti) Year Round	Permit Limits	N/A	N/A	***************************************		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	***************************************	1/quarter	24 hr Composite
51065 (ML-1) RF-A	Reported										,	***************************************	
PFOA Year Round Interim 9/1/2018 to 8/31/2021	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		N/A	Rpt Only Avg Monthly	Rpt Only Max Cally	NA	ug/l		1/month	24 hr Composite
	Reported												
PFOA		Rpt Only	Rpt Only	Lbs/Day		N/A	2	2.8	N/A	ug/I		1/month	24 hr

N/A

Avg. Monthly

Rpt Only

Avg Monthly

Max, Daily

Rpt Only

Max Daily

N/A

ug/l

* CEL = Compliance Evaluation Level

Permit Limits

Permit Limits

Reported

Avg. Monthly

Rpt Only

Avg Monthly

Mex. Daily

Rpt Only

Max Daily

Lbs/Day

Sping to the state of the state		
	certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
	SINGE SERVICE OF THE PROPERTY	Signature of Principal Executive Officer or
	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

Composite

Composite

24 hr

1/month

FACILITY NAME: (WAS				MPANY FO	Ö. LL(IFIED LABORA	ATORY NAME: ATORY ADDRES	is.	Chicken of the desired in the second			
PERMIT NO.: WV0001	279		<u>00</u>	15			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			##-		- A State of the S	**************************************
WASTELOAD FOR THE	MONTH OF:	***************************************	20000000000000000000000000000000000000	000000000000000000000000000000000000000		INDIV	DUAL PERFO	RMING ANALYS	SIS:				
: · · · ·			Quantity	a a a a a a a a a a a a a a a a a a a	nogeoloodicoodoo'	No cobstance and the contract of the contract		Other Units	***************************************	***************************************	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Measurement	Sample
Parameter	A			Units	N.E.		4		CEL*	Units	N.E.	Frequency	Туре
50050 (ML-1) RF-A	Reported			***************************************	1		***************************************	***************************************			1	foreita consistencia de la consi	***************************************
Flow,in Conduit or thru plant fear Round	Permit Limits	N/A	N/A	***************************************		N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mgd	, , , , , , , , , , , , , , , , , , ,	1/week	measured
74055 (ML-1) RF-B	Reported	a	***************************************	†	-	***************************************							
Coliform, Fecal Fear Round	Permit Limits	N/A	WA			N/A	Rpt Only Mon Geo Mean	Rpt Only Max Daily	N/A	Cnts/100n	Section 1	1/quarter	Grab
00400 (ML-1) RF-A	Reported				1	1	***************************************		<u> </u>	***************************************	1	***************************************	
oH ⁄ear Round	Permit Limits	N/A	WA	900000000000000000000000000000000000000		S Inst. Min.	N/A	9 inst. Max,	N/A	s.u.	***************************************	1/daily	Grab
0610 (ML-1) RF-B	Reported	*************************************									***********	**************************************	
Ammonia Nitrogen /ear Round	Permit Limits	N/A	NA .			N/A	Rpt Only Avg Monthly	Rpt Only Max Deliy	N/A	mg/l		1/quarter	24 hr Composite
00620 (ML-1) RF-B	Reported	***************************************			**********	1					1		
Vitrogen Nitrate Year Round	Permit Limits	N/A	N/A	-	i innere a service de la constante de la const	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
0600 (ML-1) RF-D	Reported	*									-		
kitrogen, Total (as N) fear Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Delly	Lbs/Day	<u> </u>	N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	mg/l			24 hr Composite
CEL = Compliance Evaluati	ion Level				***************************************	.	.1						
Name of Principal Execu	tive Officer	under my di	ler penalty of law irection or super	rvision in ac	ccorde	ance with a sys	stem designed	to assure that	Date Co	ompleted			nonheronnonnonnonnonnonnonnon
	approximation of the state of t	qualified per my inquiry o	rsonnel properly of the person or p	/ gather and persons wh	d eval ho ma	lluate the informanage the syste	nation submitte em, or those pe	ed. Based on ersons directly	Signatui	re of Princi zed Agent	ipal E	xecutive Officer	or
Title of Officer	viandality (illustration of the first transform	knowledge a penalties for	for gathering the and belief, true, if submitting false and for knowing vi	accurate, a se informatio	and co	omplete. I am a	aware that then	e are significant	§	postcoccolocatoccomrino	Direct Office of States	ride	

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

FACILITY NAME: (WA)		The state of the s		OMPANY E	C. LL			ATORY NAME:	 SS:				
PERMIT NO.: WV000			<u>0(</u>)5		· · · · · · · · · · · · · · · · · · ·							
WASTELOAD FOR TH	E MONTH OF:	***************************************				INDIV		DRMING ANALYS	SIS:		***************************************	·	70030.580.0000000000000000000000000000000
A			Quantity		· [· · · · · · · · · · · · · · · · · ·			Other Units			***************************************	Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
00665 (ML-1) RF-D	Reported							000000000000000000000000000000000000000					
Phosphorus, Total Year Round	Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	West friends and and a few	1/year	24 hr Composite
50060 (ML-1) RF-A	Reported			1	·		***************************************		†	***************************************	1		
Chlorine, Total Residual Year Round	Permit Limits	N/A	N/A			N/A	0 028 Avg Monthly	0 057 Mex Deily	01	mg/i		1/week	Grab
01119 (ML-1) RF-B	Reported				1				•		_		<u> </u>
Copper, Total Recoverable Year Round	Permit Limits	N/A	N/A		-	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/i		1/quarter	24 hr Composite
01114 (ML-1) RF-B	Reported				+								
Lead, Total Recoverable Year Round	Permit Limits	N/A	N/A	5.		N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	mg/l		1/quarter	24 hr Composite
01094 (ML-1) RF-B	Reported			†	********			***************************************	-		•		
Zinc, Total Recoverable Year Round	Permit Limits	N/A	N/A	-	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	aprendant de la constant de la const	1/quarter	24 hr Composite
71900 (ML-1) RF-B	Reported		****	_	-						•		
Mercury, Total (as Hg) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	ug/l		1/quarter	Grab
* CEL = Compliance Evalua	tion Level									ooqaaaaaaqqqaaqq	000000000000000000000000000000000000000		
Name of Principal Execu	utive Officer		er penalty of law rection or supe					re prepared If to assure that	Date C	ompleted			
Title of Officer	and operational different between the department of the contractions of the contraction o	qualified per my inquiry o	sonnel properly f the person or	y gather an persons w	id eva ho ma	luate the infor mage the syst	mation submit em, or those p	ted Based on persons directly o the best of my		ire of Princ zed Agent		xecutive Office	or

knowledge and belief, true, accurate, and complete. I am aware that there are significant

penalties for submitting false information including the possibility of a fine and

imprisonment for knowing violations.

FACILITY NAME: (WAS LOCATION OF FACILIT				MPANY FO	C. LL			ATORY NAME: ATORY ADDRES					The state of the s
PERMIT NO.: WV0001			00	15					~~	000000000000000000000000000000000000000			
WASTELOAD FOR THE	MONTH OF:					INDIVI	DUAL PERFO	DRMING ANALYS	SIS:	000000000000000000000000000000000000000		100000C0000	
**************************************		***************************************	Quantity	igitaaaaaa	Tananananananananananananananananananan		ngananininaaninaaninoini	Other Units	çanamınınının			Measurement	Sample
Parameter				Units	N.E.	A TANK	: B **		CEL*	Units	N.E.	Frequency	Туре
01104 (ML-1) RF-B	Reported	***************************************			Î		***************************************			***************************************		***************************************	**************************************
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A:			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l	***************************************	1/quarter	24 hr Composite
00980 (ML-1) RF-B	Reported			***************************************	 						+		
Iron, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
61426 (ML-1) RF-8	Reported			***************************************	*******		*	****		***************************************	******		
Chronic Tox-Ceriodaphnia Dubia Year Round	Permit Limits	N/A	N/A	00000000000000000000000000000000000000	400000000000000000000000000000000000000	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUc		1/quarter	24 hr Composite
Chronic Toxicity - Pimephales	Reported										1	***************************************	
	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	TUS			24 hr Composite
34423 (ML-1) RF-B	Reported	 								·	—	***************************************	
Methylene Chloride Year Round	Permit Limits	1.7 Avg. Monthly	6.7 Max. Daily	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
39180 (ML-1) RF-B	Reported			†					2000000 to 600000000000000000000000000000	-		***************************************	
Trichloroethylene Year Round	Permit Limits	1.1 Avg Monthly	3 Max Daily	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	ug/l		1/quarter	Grab
CEL = Compliance Evaluat	Militaria de la composición del composición de la composición de la composición del composición de la	I certify unde	r penalty of law	that this d	ocum	ent and all att	chments wer	e orenared					
Name of Principal Execu	uve Unicer	under my dir	ection or super	vision in ac	corde	ince with a sys	tem designed	to assure that	Date Co	mpleted	<u></u>		
Title of Officer		Imy inquiry of responsible to knowledge a		persons when the second informatic accurate, a	no ma on, the ind co	nage the syste e information s implete. I am a	m, or those p ubmitted is, to ware that the	ersons directly the best of my re are significant	Signatur Authoriz	re of Princ red Agent	cipal E	xecutive Officer	or or

FACILITY NAME: (WA	·			MPANY F	C. LL	· ·		ATORY NAME: ATORY ADDRES	· C .				
PERMIT NO .: WV000			<u>00</u>)5	***************************************	VLINIII	LIED FVDAIN	ATORT AUDRES	·ð				
WASTELOAD FOR TH	E MONTH OF:	,0000000000000000000000000000000000000	A0-X-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-			INDIVI	DUAL PERFC	RMING ANALYS	SIS:			70000000000000000000000000000000000000	
			Quantity	************************************	ecologogogogogogogogogogogogogogogogogogo		***************************************	Other Units			***************************************	Measurement	Sample
Parameter	**************************************			Units	N.E				CEL*	Units	N.E.	Frequency	Туре
34418 (ML-1) RF-B	Reported			1	***************************************	***************************************			***************************************	***************************************	1	**************************************	•
Methyl Chloride Year Round	Permit Limits	4.8 Avg. Monthly	12.2 Max. Daily	Lbs/Day		N/A:	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
79531 (ML-1) RF-B	Reported	†			+		***************************************				+		
8,4 Benzofkoranthene Year Round	Permit Limits	0.97 Avg. Monthly	2.4 Max Darly	Lbs/Day		NA	0.1 Avg Monthly	O 15 Max Daily	N/A	ug/I		1/quarter	24 hr Composite
00981 (ML-1) RF-B	Reported	***************************************		†	1	***************************************			***************************************		****		***************************************
Selenium, Total Recoverable Year Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
00978 (ML-1) RF-B	Reported				+				S S S S S S S S S S S S S S S S S S S		+		
Arsenic, Total Recoverable Year Round	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
34010 (ML-1) RF-B	Reported				1				***************************************		—		
Toluene Year Round	Permit Limits	1.3 Avg. Monthly	3.5 Max. Daily:	Lbs/Day	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
01097 (ML-1) RF-B	Reported	***************************************		***************************************					******************************		-		
Antimony, Total (es Sb) Year Round	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Mex Dely	N/A	mg/l		1/quarter	24 hr Composite
'CEL = Compliance Evalua	tion Level										~~~~~~	L	
Name of Principal Execu	tive Officer	¬ under my dir	er penalty of law rection or supen	vision in ac	ccorda	ance with a sys	item designed	to assure that	Date Co	mpleted			
Title of Officer	*	qualified pen my inquiry of responsible t knowledge a penalties for	sonnel properly f the person or p for gathering the	r gather and persons whe information accurate, a e information	id eval ho ma ion, the and co	luate the inform inage the syste le information s omplete. I am a	nation submitte im, or those pe ubmitted is, to iware that ther	ed. Based on ersons directly othe best of my re are significant	Authoriz	re of Princ ed Agent	ipal E	Executive Officer	or .

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			<u>AMPANY E</u>	C. LL				(Managananananananananananananananananana	Annonnannonnannan Lannonn Ca.	***************************************	~~~~~	
	JI UIY, YYUUU L		 ^\$	200000000000000000000000000000000000000	CEKI	IFIED LABORA	ATORY ADDRES	<i>i</i> S:	***************************************			
	6 2	* · ·	Phil		INDIV	/IDUAL PERFC	JRMING ANALYE	SIS:	000000000000000000000000000000000000000			***************************************
		Quantity				***	Other Units		A0000000000000000000000000000000000000		21	I canala
	***************************************	1	Units	N.E.				CEL*	Units	N.E.		t Sample Type
Reported			1	1			***************************************	f	1			***************************************
Permit Limits	N/A	N/A		-	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
Reported				+						+		***************************************
Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	DEG F		1/month	Insitu
Panadad				-				4				
Permit Limits	N/A	N/A	nonnonnonnonnonnonnonnonnonnonnonnonnon		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
Reported	1		+	+		-			-			
Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max Dely	Lbs/Day		N/A	6.5 Avg Monthly	9.1 Max Daily	NA	mg/l			24 hr Composite
Reported	***************************************		+	4	1	***************************************				+	******************	
Permit Limits	3.9 Avg. Monthly	11.1 Max. Daily:	Lbs/Day	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	ug/l	in contract the contract of th	1/month	Grab
Reported				-	1			-		4	†	
Permit Limits	N/A	N/A		Annual publication of the second	N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	mg/l		1/quarter	24 hr Composite
tion Level		Balananianan paring met project posterior constitution of the second sec	<u> </u>	sibioissocoticoco	&			Substitution parinteles de la constitution de la co	<u> </u>		bookook	
Itive Officer								Date Cr	ompleted	Management of the second	cnocrencessingassassossassassassassassassassassassassa	.0000000000000000000000000000000000000
	qualified pers	sonnel properly	y gather and	nd eval	duate the infor	mation submitte	ted. Based on	Signatu	ure of Prinr	cipal F	Executive Office	л ог
	responsible for Knowledge ar penalties for	for gathering the and belief, true. submitting false	ne information , accurate, s se information	tion, the	ne information somplete. I am a	submitted is, to aware that ther	o the best of my are are significant	Authoriz	ed Agent	notrophonomicals		
	Y: WASHING 1279 MONTH OF: Reported Permit Limits	Permit Limits Reported Reported Permit Limits Reported Reported Permit Limits Reported Reported Permit Limits Reported Reported Reported Permit Limits Reported	Y: WASHINGTON; Wood County 279	Y: WASHINGTON; Wood County 279 005 MONTH OF: Quantity Units Reported Permit Limits N/A Reported Permit Limits Reported Permit Limits Reported Permit Limits Reported Permit Limits Reported Permit Limits Avg. Monthly Avg. Monthly Reported Permit Limits Avg. Monthly Avg. Monthly Avg. Monthly Reported Permit Limits Avg. Monthly Avg. Avg. Avg. Avg. Avg. Avg. Avg. Avg.	Y: WASHINGTON; Wood County 279 005 MONTH OF: Quantity Units N.E. Reported Permit Limits N/A N/A Reported Permit Limits N/A N/A Reported Permit Limits Reported Permit Limits N/A N/A Reported Permit Limits N/A N/A Reported Permit Limits Reported Permit Limits Avg. Monthly Avg. Monthly Max. Delly Reported Permit Limits Avg. Monthly Avg. Monthly Max. Delly Reported Permit Limits Avg. Monthly Avg. Monthly Max. Delly Reported Permit Limits Avg. Monthly Reported Permit Limits Avg. Monthly Avg. Delly Avg. Monthly Avg. Delly Avg. Monthly Avg. Monthly Avg. Delly Avg. Delly Avg. Monthly Avg. Delly Avg. Monthly Avg. Delly Avg. Delly Avg. Delly Avg. Delly Avg. Monthly Avg. Delly Avg	Y: WASHINGTON; Wood County EMONTH OF: Quantity	Y: WASHINGTON; Wood County 279 6 MONTH OF: Quantity	Y: WASHINGTON; Wood County 279 005 MONTH OF: Quantity Quantity Other Units Reported Permit Limits N/A N/A N/A N/A N/A Rept Only Avg. Morethy Max. Daily Reported Permit Limits N/A N/A Rept Only Avg. Morethy Max. Daily Reported Permit Limits N/A N/A Rept Only Avg. Morethy Max. Daily Reported Permit Limits N/A N/A Rept Only Avg. Morethy Max. Daily Reported Permit Limits N/A N/A Rept Only Avg. Morethy Max. Daily N/A Reported Permit Limits N/A Permit Limits N/A N/A Rept Only Avg. Morethy Max. Daily Reported Permit Limits N/A N/A N/A N/A Rept Only Avg. Morethy Max. Daily Reported Permit Limits N/A N/A N/A N/A Rept Only Avg. Morethy Max. Daily Rept Only Avg. Morethy Max. Daily Reported Permit Limits N/A N/A N/A N/A Rept Only Avg. Morethy Max. Daily ax. Daily Max. Daily Rept Only Avg. Morethy Max. Daily Rep	Y: WASHINGTON; Wood County 279 005 EMONTH OF: INDIVIDUAL PERFORMING ANALYSIS: Quantity Other Units Quantity Other Units CEL* Reported Permit Limits N/A N/A N/A N/A N/A N/A Rpt Only Rpt Only Mac Daily Reported Permit Limits N/A	CERTIFIED LABORATORY ADDRESS: 279 005 MONTH OF: INDIVIDUAL PERFORMING ANALYSIS: Other Units CEL* Units Reported Permit Limits N/A N/A N/A N/A N/A N/A Rpt Only Avg Monthly Mac Daily Reported Permit Limits N/A	CERTIFIED LABORATORY ADDRESS: 279 005 MONTH OF: DOS INDIVIDUAL PERFORMING ANALYSIS:	CERTIFIED LABORATORY ADDRESS: 279 005 INDIVIDUAL PERFORMING ANALYSIS: Quantity

FACILITY NAME: (WAS	Y: WASHING		County		C. LL		RTIFIED LABOR RTIFIED LABOR				so-srenomen		
PERMIT NO.: WV0001			2	005	·		***************************************	·····			<u> </u>	***************************************	***************************************
WASTELOAD FOR THE	E MONTH OF:				*****		DIVIDUAL PERFO	DRMING ANALY	YSIS:				
***************************************			Quantity					Other Units		***************************************	***************************************	Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
51065 (ML-1) RF-A	Reported								***************************************	1			***************************************
PFOA Year Round Interim: 9/1/2018 to 8/31/2021	Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day	:	N/A	2 Avg. Monthly	2 Max: Daily	N/A	ug/l		1/week	24 hr Composite
51065 (ML-1) RF-A	Reported										1		
PFOA Year Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		N/A	0:3 Avg. Monthly	0.7 Mex Dely	NA .	ug/i		1/week	24 hr Composite
51715 (ML-1) RF-A	Reported		***************************************		***************************************	***************************************		***************************************			1		
HFPO Dimer Acid Year Round Interim: 9/1/2018 to 8/31/2021	Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max, Daily	Lbs/Day		N/A	15 Avg. Monthly	43 Mex. Deily:	N/A	ug/I		1/week	24 hr Composite
51715 (ML-1) RF-A	Reported	55 555 555 555 555 555 555 555 555 555	***************************************	***************************************	1	***************************************			***	-	***************************************	Stration of the security of the consequence of the security of	**********
HFPO Dimer Acid Year Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		N/A	1.1 Avg Monthly	23 Max Deliy	N/A	ug/I			24 hr Composite

Name of Principal Executive Officer

| Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

| Date Completed | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Ex

FACILITY NAME: <u>(WA</u> LOCATION OF FACILI	TY: WASHING		County		C, LL		TIFIED LABORA	ATORY NAME: ATORY ADDRES	 SS:	***************************************			
PERMIT NO.: WV000 WASTELOAD FOR TH		y.	<u>0</u>)06		- INDIV	/IDUAL PERFC	ORMING ANALYS	31S:				R080004
	1		Quantity	88888888888888888888888888888888888888	90200000000000		*****	Other Units		***************************************		Measurement	Sample
Parameter	5° 54			Units	N.E.		7		CEL*	Units	N.E.	Frequency	Sample Type
50050 (ML-1) RF-A	Reported				1-		***************************************		<u> </u>	***************************************	-		1
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A		***************************************	N/A	N/A	Rpt Only Max, Daily	N/A	mgd	****	1/month	Estimated
00530 (ML-1) RF-A	Reported	***************************************		200	+			****	<u> </u>				
Total Suspended Solids Year Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		NA	118 Avg Monthly	189 Max Daily	N/A	mg/l			24 hr Composite
00400 (ML-1) RF-A	Reported	***************************************			***************************************		****	***					ļ
pH Year Round	Permit Limits	N/A	N/A	**************************************		6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		1/month	Grab
50060 (ML-1) RF-A	Reported	1			+			***	 	+			
Chlonne, Total Residual Year Round	Permit Limits	N/A	NA			NA	0.028 Ave Monthly	O 057 Max Daily	01	mg/l		1/month	Grab
01119 (ML-1) RF-B	Reported	1				1	***************************************		***************************************	-	-	***************************************	
Copper, Total Recoverable Year Round	Permit Limits	N/A	N/A		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	AP RECEDENCE CONTRACTOR CONTRACTO	1/quarter	24 hr Composite
01114 (ML-1) RF-B	Reported			-	+						+		
Lead, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/quarter	24 hr Composite
CEL = Compliance Evalua	•	under my die	irection or supe	ervision in ac	ccorda	ance with a sy	tachments were	I to assure that	Date Co	ompleted			
Title of Officer		inquiry o responsible knowledge a penalties for	of the person or for gathering thand belief, true,	r persons with the information of the information o	ho ma ion, the and co ion inc	anage the systemetron : omplete. I am :		ersons directly the best of my re are significant	Authoriz	re of Princ zed Agent		xecutive Officer	or

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FACILITY NAME: (WA		•		MPANY F	C. LL		FIED LABORA	ATORY NAME: ATORY ADDRES				·	
PERMIT NO.: WV000	***************************************		00	6					· · · · · · · · · · · · · · · · · · ·				
WASTELOAD FOR TH	E MONTH OF:					INDIV	DUAL PERFO	RMING ANALYS	SIS:	***************************************	****	pencenconcorrennos en accessor	
			Quantity	***************************************			C	Other Units	70707070XXXXX	***************************************		[O
Parameter				Units	N.E				CEL*	Units	N.E.	Measurement Frequency	Sample Type
)1094 (ML-1) RF-B	Reported												***************************************
Zinc, Total Recoverable Year Round	Permit Limits	N/A	N/A	DODGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
/1900 (ML-1) RF-B	Reported		50 S00000000000000000000000000000000000		-		***************************************		***************************************	***************************************	1		***************************************
Aercury, Total (as Hg) Year Round	Permit Limits	NA .	N/A			WA	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	ug/i		1/quarter	Grab
)0981 (ML-1) RF-8	Reported				************		***************************************	***************************************		*		***************************************	
Selenium, Total Recoverable Year Round	Permit Limits	N/A	N/A	*		N/A	Rpt Only Avg. Menthly	Rpt Only Max Dally	N/A	mg/l	MA-486	1/quarter	24 hr Composite
00978 (ML-1) RF-B	Reported								***************************************		†		
Arsenic, Total Recoverable fear Round	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
)1097 (ML-1) RF-B	Reported								***************************************	***************************************	_		<u> </u>
Antimony, Total (as Sb) Year Round	Permit Limits	N/A	N/A	Q		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
12730 (ML-1) RF-B	Reported				*******							***************************************	
hencics, Total Recoverable fear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
CEL = Compliance Evalua	ition Level	***************************************	ak-Beshinosiotosikisookoo			•					***************************************	\$4644D+ih-00422+i-03666666666666666666666666666666666666	
Name of Principal Exec	utive Officer	under my dir	er penalty of lav rection or super	vision in a	ccorda	ance with a sys	tem designed	to assure that	Date Co	mpleted			
	nonnenngggskattings-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo-eksjo	Imy inquiry of	sonnel property I the person or	persons wi	ho ma	nage the syste	ım, or those pe	rsons directly	Signatu Authoria	re of Princ	ip a l E	xecutive Office	Cor
Title of Officer		 knowledge a penalties for 	for gathering th ind belief, true, submitting fals it for knowing v	accurate, i e informati	and co	omplete I am s	ware that then	e are significant			- And April Administration		

FACILITY NAME: (WA)	Y: WASHIN		I County		C.LL		TIFIED LABORA		 SS: _	*****************************	A.A		
PERMIT NO.: WV000' WASTELOAD FOR THI			· <u>·</u>	006		INIDIK.	IDUAL PERFO	DMINIC ANIALV	210:		***************************************		** ***********************************
141015500161011111		•	Quantity		***************************************	INDIV	***************************************		313.	***************************************		***************************************	***************************************
Parameter			Augniny	Units	N,E			<u>Xther Units</u>	CEL*	Units	N.E.	Measurement Frequency	Sample Type
00011 (ML-1) RF-A	Reported		ociopaso <mark>Printescono consciente</mark> nco no conscience conscience con consciente con		***********	***************************************				-	1		***************************************
Temperature, F Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F	***************************************	1/month	Insitu
00011 (ML-7) RF-A	Reported			***************************************	†								
Temperature, F Year Round	Permit Limits	NA.	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	DEG.F		1/month	Insitu
00680 (ML-1) RF-B	Reported		***************************************							***************************************	+		
Total Organic Carbon Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Dally	N/A	mg/i		1/quarter	24 hr Composite
81020 (ML-1) RF-B	Reported				•		***				-	***************************************	
Sulfate /ear Round	Permit Limits	NA	NA .			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
01059 (ML-1) RF-B	Reported		***	***************************************		<u> </u>	***************************************		1		1	***************************************	
fhallium, Total (as TI) ⁄ear Round	Permit Limits	NA	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/quarter	24 hr Composite
51065 (ML-1) RF-A	Reported				-			*				***************************************	-
PFOA Year Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Delty	Lbs/Day		N/A	Rpt Only Avg Menthly	Rpt Only Mex Delly	N/A	ug/I		1/month	24 hr Composite
CEL = Compliance Evalua	000000000000000000000000000000000000000	I certify un:	ler nensity of I:	w that this c	locum	Ant and all at	lachments were	nranarad					
Name of Principal Execu	Itive Officer	under my c	lirection or sup-	ervision in ac	corda	ince with a sy	stem designed	to assure that	Date C	ompleted			
Title of Officer	nocessonosconosconosconosconosconosconos	Imy inquiry	of the person o	r persons wi	no ma	nage the syst	mation submitte em, or those pe submitted is, to	rsons directly	Signatu Authori	re of Princ zed Agent	ipal E	xecutive Office	ror
HILE OF CHICAL	ricessesekternin ennezue-isdičarski-je, opii	knowledge penalties fo	and belief, true	e, accurate, a lse informati	and co	mplete I am	aware that there saibility of a fine	are significant		entredistrumetilikanskunde nski			

FACILITY NAME: (WAS LOCATION OF FACILIT PERMIT NO.: WV0001 WASTELOAD FOR THE	Ύ: <u>WASHINO</u> 1279	GTON; Wood			C. LLC	CERT	TFIED LABOR	ATORY NAME: ATORY ADDRE DRMING ANALY					
Parameter .			Quantity	Units	N.E.			Other Units	GEL*	Units	NE.	Measurement Frequency	Sample Type
51715 (ML-1) RF-A HFPO Dimer Acid Year Round Interim: 9/1/2018 to 8/31/2021	Reported Permit Limits	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	ug/l		1/month	24 hr Composite
51715 (ML-1) RF-A HFPO Dimer Acid Year Round	Reported Permit Limits	Rpt Only Avg Morthly	Rpt Only Max Daily	Lbs/Day		N/A	O 014 Avg. Manthly	0.204 Max Daily	NA	ug/l		1/month	24 hr Composite

*CEL = Compliance Evaluation Level

Name of Principal Executive Officer

| Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

| Date Completed | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authoriz

FACILITY NAME: (WA			County	************************************	C.LL		RTIFIED LABORA		SS:	·			
PERMIT NO.: WV000 WASTELOAD FOR TH			<u>0(</u>)7	<u>aaaaaaaaaaaaaaaaaa</u>	3 6 5 4 4	15 (4 (m) 2 1 A 4 (m) 2m (m) 2m (m) 2m (m)	~~~	**************************************	000000000000000000000000000000000000000	recension de la company	<u> </u>	
AAVOTETOVD LOK TU	E WONTH OF		Quantity	***************************************	200000000000000000000000000000000000000	INU	IVIDUAL PERFO		515:		50000000000000000000000000000000000000	***************************************	
Parameter	# 1 · · · · · · · · · · · · · · · · · ·		Goarany	Units	N.E.			her Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
50050 (ML-1) RF-A	Reported	*			1			***************************************		1	1		
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A	3	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/month	Estimated
00530 (ML-1) RF-A	Reported				-						 		
Total Suspended Solide Year Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		WA	165 Avg Monshly	256 Mex Delly	N/A	mg/l		1/month	24 hr Composite
74055 (ML-1) RF-B	Reported		***************************************	•					***************************************				
Coliform, Fecal Year Round	Permit Limits	N/A	N/A	,		N/A	Rpt Only Mon. Geo. Mean	Rpt Only Max. Daily	N/A	Cnts/100r		1/quarter	Grab
00400 (ML-1) RF-A	Reported						***************************************				-		†
pH Year Round	Permit Limits	N/A	N/A			6 inst Min	N/A	9 Mex Dady] N/A	SU.		1/month	Grab
00610 (ML-1) RF-B	Reported				************			***************************************			·		
Ammonia Nitrogen Year Round	Permit Limits	N/A	N/A	ocococococococococococococococococococ		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
50060 (ML-1) RF-A	Reported			 	 		***************************************			-	+		
Chlorine, Total Residuel Year Round	Permit Limits	N/A	WA			N/A	O 028 Avg: Monthly	0.057 Max Daily	01	mg/l		1/month	Grab
* CEL = Compliance Evalua	stion Lovel	distribution de la companya de la c	aisk kalitäänaksitäisiassiinaasida ositioonaan on			.			**************************************	······································			Secondary wedge-residence
Name of Principal Exec	9319999 . Webberselyennesennesensensessessesses	certify und	der penalty of lav	/ that this c	locum	ent and all	attachments were	prepared	Date Co	mpleted	1	oooooooooooooooooooooooooooooooooooooo	
Title of Officer		qualified pe my inquiry responsible knowledge	ersonnel properly of the person or a for gathering th	r gather an persons wi e informati accurate, a	d eval ho ma on, the and co	luate the infi inage the sy e informatio implete: I ar	system designed or primation submitte stem, or those pe in submitted is, to in aware that them	d. Based on rsons directly the best of my are significan	Signatu Authoriz		ipal E	xecutive Office	or

FACILITY NAME: (WA				MPANY F	C. LLI		RTIFIED LABORAT		SS:			00000000000000000000000000000000000000	00000000000000000AlfirinAnnovadeporeprinaso
PERMIT NO.: WV000		00000000000000000000000000000000000000	00	7				20000000000000000000000000000000000000				***************************************	
WASTELOAD FOR TH	E MONTH OF:			**************************************		INDI	VIDUAL PERFOR		SIS:			388888888888888888888888888888888888888	***************************************
			Quantity	g	regarantescono		اک ــــــــــــــــــــــــــــــــــــ	ther Units	A contraction of the contraction			Measurement	Sample
Parameter				Units	NE				CEL*	Units	N.E.	Frequency	Туре
)1114 (ML-1) RF-B	Reported	***************************************	***************************************		1			***************************************	<u> </u>		1	***************************************	
ead, Total Recoverable /ear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
)1094 (ML-1) RF-B	Reported				+								
Cinc, Total Recoverable fear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
71900 (ML-1) RF-B	Reported		***************************************	godós produpos aprilados actorios.	 					***************************************			
Aercury, Total (as Hg) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
)1104 (ML-1) RF-B	Reported												
Numinum, Total Recoverable Year Round	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
00980 (ML-1) RF-B	Reported				***************************************	•	***************************************	co (1000000000000000000000000000000000000					
ron, Total Recoverable fear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Delly	N/A	mg/l		1/quarter	24 hr Composite
00981 (ML-1) RF-B	Reported			***************************************	-						**************	***************************************	
Gelenium, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Morithly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
CEL = Compliance Evalua	tion Level				adeiseosos (cox	***************************************		ottooootoooooooooooooooooooooooooooooo		***************************************	- Banananian B		d
Name of Principal Execu		certify unde	r penalty of law	that this c	locum	ent and all a	ittachments were i	prepared	Date Co	mpleted	 		
Tillo at Office	ecceppagacacacacpocacacpocacacacacacacacacacacac	qualified pers my inquiry of	sonnel properly the person or p	gather an persons wi	d eval	luate the info nage the sys	rmation submitted stem, or those per submitted is, to t	l. Based on sons directly		re of Princ ted Agent	ipal E	xecutive Officer	or
Title of Officer		knowledge a penalties for	nd belief, true, i	accurate, a e informati	and co	omplete. I an	n aware that there pesibility of a fine i	are significant					

FACILITY NAME: (WAS LOCATION OF FACILIT PERMIT NO.: WV0001	Y: WASHING 279	GTON; Wood	County	OMPANY FO	C. LL	CERT	IFIED LABOR	ATORY NAME: ATORY ADDRES	*******************************	***************************************	CONTRACTOR		
WASTELOAD FOR THE	EMUNTH OF:		Quantity		***************************************	INDIV	PP04-1787700000000000000000000000000000	ORMING ANALYS	SIS:	-00000000000000000000000000000000000000			·
Parameter		***************************************	Quantity	Units	NE			Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
00978 (ML-1) RF-B	Reported	*			1		· · · · · · · · · · · · · · · · · · ·	***************************************		-	1		
Arsenic, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
01097 (ML-1) RF-B	Reported				ļ.,,,,,,,,,			****	ļ		-		
Antimony, Total (as Sb) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
38677 (ML-1) RF-B	Reported			***************************************	***************************************			***************************************			1		
Bromomethane Year Round	Permit Limits	N/A	N/A		MANAGEMENT TO THE TOTAL TO THE	N/A:	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	***************************************	1/quarter	Grab
32104 (ML-1) RF-B	Reported				 						-		
Bromoform Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
32730 (ML-1) RF-B	Reported				*********				<u> </u>	Porticulation to the continue of the continue	************		†
Phenolics, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
00011 (ML-7) RF-A	Reported		***************************************								_	0,000,000,000,000,000,000,000,000,000	
Temperature, F Year Round	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	DEG F		1/month	Insitu
CEL = Compilance Evaluat Name of Principal Execu Title of Officer		under my d qualified pe my inquiry responsible	der penalty of la irrection or supe irrection or supe irrection or super of the person or for gatherity to	ervision in ac ly gather and persons wh he information	corda d eval to ma on, the	ince with a syruate the informage the system in the system	stem designed nation submitt em, or those particular to the partic	to assure that ed. Based on	Signatu Authoriz	empleted re of Princ red Agent	L Sipal E	xecutive Officer	or

FACILITY NAME: (WA)	Y: WASHING		County		C, LL		IFIED LABORA IFIED LABORA	TORY NAME: TORY ADDRES					
PERMIT NO.: WV000' WASTELOAD FOR THI		;	<u>00</u>)7		— — INDIV	IDUAL PERFOR	RMING ANALYS	::::::::::::::::::::::::::::::::::::::			***************************************	nonnenne enna
			Quantity		***************************************		***************************************	ther Units		***************************************	***************************************	X.4	T
Parameter	Marian Tay			Units	N.E				CEL*	Units	N.E.	Measurement Frequency	Sample Type
00011 (ML-1) RF-A	Reported			1		***************************************	<u> </u>			1		000000000000000000000000000000000000000	***************************************
Temperature, F January 1-31	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A	Reported			 	-								
femperature, F February 1-28	Permit Limits	NA .	NA			NA	Rpt Only Avg Monthly	Rpt Only Mex Daily	N/A	DEG F		1/month	Insitu
00011 (ML-1) RF-A	Reported		***************************************	***************************************			ook adhibaalaadhaanaanadaanaanaanaanaanaanaa	***	***************************************	an jaar saasa ka		***************************************	<u> </u>
Temperature, F Vlarch 1-31	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	DEG.F	OF BUILDING AND	1/month	Insitu
00011 (ML-1) RF-A	Reported				-		***************************************			-			
femperature, F April 1-30	Permit Limits	WA	NA.			N/A	Rpt Only Avg Monthly	Rpt Only Max Dady	N/A	DEG F		1/month	Insitu
0011 (ML-1) RF-A	Reported				***************************************		*			***************************************	**********		<u> </u>
Temperature, F May 1-31 nterim: 9/1/2018 to 8/31/2021	Permit Limits	N/A	N/A	**************************************		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A	Reported				1			***************************************	***************************************	***************************************			
Temperature, F May 1-31	Permit Limits	N/A	N/A			NA .	78 Avg Monthly	90 Max Daily	N/A	DEG.F		1/month	Insitu
CEL = Compliance Evalua	tion Level	attacké do transport de la companya	to Chicae barrio de Caractería		oodbaccaccicotocoio	0000000000000000000000000000000000000			30000000000000000000000000000000000000		na de la constantión		gooodsoooooooooooogggy-
Name of Principal Execu	utive Officer	certify unde	r penalty of lav	v that this vision in a	docum ccorda	ent and all atta	achments were stem designed t	prepared o assure that	Date Co	mpleted		20000000000000000000000000000000000000	1000-000000000000000000000000000000000
		qualified pen my inquiry of	sonnel properly the person or	gather ar persons w	id eva ho ma	luate the informinage the system	nation submitte em, or those per submitted is, to	d. Based on rsons directly	Signatu Authoriz	re of Princ red Agent	cipal E	xecutive Officer	· or
Title of Officer		knowledge a penalties for	nd belief, true,	accurate, e informat	and co	omplete. I am a	submitted is, to aware that there sibility of a fine	are significant	§				

PERMIT NO.: WV000		-	<u>00</u>	7				ATORY ADDRES				00000000000000000000000000000000000000	PRODUCTOR District Company
WASTELOAD FOR TH	E NONTH OF:			20002000000000000000000000000000000000		יוטאו דיייי	***************************************	DRMING ANALYS	315:	Scoonseconomica		***************************************	
Parameter			Quantity	Units	N.E.			Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
0011 (ML-1) RF-A	Reported	.			╂──						-		.
emperature, F une 1-30	Permit Limits	N/A	N/A			N/A	97 Avg. Monthly	110 Mex. Daily	N/A	DEG.F		1/month	Insitu
0011 (ML-1) RF-A	Reported					***************************************	***************************************				1		
emperature, F uly 1-31	Permit Limits	N/A	N/A			N/A	1Q1 Avg Monthly	110 Max Daily	N/A	DEG F		1/month	Insitu
0011 (ML-1) RF-A	Reported	***************************************		***************************************				***************************************				***************************************	
emperature, F ugust 1-31	Permit Limits	N/A	N/A			N/A	98 Avg. Monthly	110 Max. Daily	N/A	DEG.F	***************************************	1/month	Insitu
0011 (ML-1) RF-A	Reported						***************************************					SCORE STATE OF THE	
emperature, F. eptember 1-30	Permit Limits	NA .	NA .			N/A	94 Avg Monthly	109 Max Daily	WA	DEG F		1/month	Insitu
0011 (ML-1) RF-A	Reported			***************************************		***************************************		***************************************		***************************************	1		
emperature, F ctober 1-31 terim: 9/1/2018 to 8/31/2021	Permit Limits	N/A	N/A		***************************************	WA	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NA	DEG.F		1/month	Insitu
0011 (ML-1) RF-A	Reported				*****			***************************************		***************************************	******	***************************************	
emperature, F ctober 1-31	Permit Limits	N/A	N/A			N/A	81 Avg Monthly	93 Max Daily	N/A	DEG F		1/month	Insitu
CEL = Compliance Evalua Name of Principal Execu Title of Officer	***************************************	under my din qualified pers my inquiry of responsible f knowledge at penalties for	ection or super ionnel properly the person or p or gathering the nd belief, true,	vision in ac gather and persons whe information accurate, a e information	corda d eval no ma on, the and co	ince with a sy uate the Infoi nage the sys e information implete. I am		I to assure that ed. Based on ersons directly o the best of my re are significant	Signatu Authori	ompleted ire of Princ zed Agent	Lipal E	xecutive Officer	or .

FACILITY NAME: (WALLOCATION OF FACILITY	Y: WASHIN		County		C. LL	-	RTIFIED LABOR		SS:	000000000000000000000000000000000000000			00000000000000000000000000000000000000
PERMIT NO.: <u>WV000</u> WASTELOAD FOR TH				007		INI	DIVIDUAL PERFO	ORMING ANALYS		- To construction		00000000000000000000000000000000000000	······································
			Quantity		**************		***	Other Units			**************	Measurement	Sample
Parameter				Units	N.E	8 / 8			CEL*	Units	N.E.	Frequency	Туре
00011 (ML-1) RF-A	Reported	1		***************************************	-		***************************************				_	***************************************	†
Temperature, F November 1-30	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A	Reported	***************************************	****		-				ļ				***************************************
Temperature, F December 1-31	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	DEGF		1/month	Insitu
00680 (ML-1) RF-A	Reported		****		***************************************	***************************************			<u> </u>	<u> </u>	1		
Total Organic Carbon Year Round	Permit Limits	NA	N/A			N/A	5.2 Avg. Monthly	6.9 Max. Daily	N/A	mg/l	***************************************	1/month	24 hr Composite
81020 (ML-1) RF-B	Reported				-								
Sulfate Year Round	Permit Limits	NA	NA			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	24 hr Composite
01059 (ML-1) RF-B	Reported		***************************************	***************************************	†					***	†	***************************************	
Thallium, Total (as TI) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
51065 (ML-1) RF-A	Reported								***************************************				
PFOA Year Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Max Delly	WA	mg/l		1/month	24 hr Composite
CEL = Compliance Evalua	tion Level										**************************************		***************************************
Name of Principal Execu	utive Officer	certify und under my d	ler penalty of la irection or sup	aw that this c ervision in ac	locum cords	ent and all ince with a	attachments wer system designed	e prepared I to assure that	Date C	ompleted		gnregoriposedospodosacospodosocospodosocospodos antidospodosedamosiscociedamosiscocospodos	200000000000000000000000000000000000000
Title of Officer responsible knowledge penalties for			qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly esponsible for gathering the information, the information submitted is, to the best of my moving the information, the information submitted is, to the best of my moving the information including the possibility of a fine and my my including the possibility of a fine and my including t								ror		

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC. LLC LOCATION OF FACILITY: WASHINGTON; Wood County PERMIT NO.: WV0001279 007							RTIFIED LABORA RTIFIED LABORA	er e)S:		***************************************		
vananananananananananananananananananan	WASTELOAD FOR THE MONTH OF:						INDIVIDUAL PERFORMING ANALYSIS:						
*			Quantity	#googsscoossscaataissot#ojajagagaga	(2003posyquuciky) pooduus 100000000000000000000000000000000000			ther Units	00000000000000000000000000000000000000		idoonidasaassas Saaboonidasadasba	Measurement	Sample
Parameter		, , , , , , , , , , , , , , , , , , ,		Units	N.E.		er v.		CEL*	Units	N.E.	8	Туре
51715 (ML-1) RF-A	Reported						**************************************					00000000000000000000000000000000000000	Bideirini Amerika ini nganggangka ini ngangganggangganggangganggangganggangga
HFPO Dimer Acid Year Round	Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	24 hr Composite

* CEL = Compliance Evaluation Level

William - William Control Cont		
Name of 1 miopai Executive Officer	prider my direction or supervision in accordance with a system designed to assure that	Date Completed
**************************************	industrial of the belown of belowing with this indialoge the affects, of those belowing differity.	Signature of Principal Executive Officer or Authorized Agent
7565 62 612665	knowledge and belief, true, accurate, and complete. I am aware that there are significant	
	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

FACILITY NAME: (WA:				MPANY F	C. LL		TIFIED LABOR	RATORY NAME:			**************************************		, (Control of the Control of the Con	
PERMIT NO.: WV000		0000000103-1	<u>01</u>	.1	Bassassassassassassassassassassassassass			·			~~~~	20000000000000000000000000000000000000		
WASTELOAD FOR TH	= MUNITUR:	***************************************	Quantity	######################################		INUI		ORMING ANALYS	31S:	500000000000000000000000000000000000000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	200000000000000000000000000000000000000		
Parameter	Agen Sala		Grainita	Units	N.E.		**************************************	Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type	
50050 (ML-1) RF-B	Reported			Printerior Company Com	†	*************	-			1	+-		,	
Flow in Conduit or thru plant Year Round	Permit Limits	WA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mgd		1/quarter	Estimated	
00530 (ML-1) RF-B	Reported	***************************************			-	•			***************************************		1			
Total Suspended Solids Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab	
00400 (ML-1) RF-B	Reported		\$	ļ	**********		5555555 CONTRACTOR CON				-			
H Permit Limits N/A N/A N/A				*****		Rpt Only inst Min	N/A	Rpt Only Inst Max	N/A	S.U.		1/quarter	Grab	
00610 (ML-1) RF-B	Reported			 	1						-			
Ammonia Nitrogen Year Round	N/A	N/A	-		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab		
01104 (ML-1) RF-B	Reported	***************************************		8888 8888 8888 8888 8888 8888 8888 8888 8888										
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab	
00980 (ML-1) RF-B	Reported	†	***************************************		1	1					-	(*************************************	
Permit limits					Rpt Only Max. Daily	N/A	mg/l	- Transcention and the second	1/quarter	Grab				
* CEL = Compilance Evalua	ition Level				***************************************	**************************************	parael			900 dechandirhanaganaganagan		100000000000000000000000000000000000000	Į	
Name of Principal Execu	certify under under my din	r penalty of law ection or super	/ that this d vision in ac	locum ccord:	ent and all at ance with a s	e prepared I to assure that	Date Completed							
	qualified pers	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly							, Signature of Principal Executive Officer or					
Title of Officer		responsible for knowledge ar penalties for i	or gathering the nd belief, true, a	e information accurate, a e information e in	ion, the	e information omplete. I am	ı submitted is, to	o the best of my are are significant	ž	zed Agent	ibolibbarobooologa			

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC. LLC LOCATION OF FACILITY: WASHINGTON; Wood County PERMIT NO.: WV0001279 011 WASTELOAD FOR THE MONTH OF:					CERT	CERTIFIED LABORATORY ADDRESS: INDIVIDUAL PERFORMING ANALYSIS:								
	oja ostava o		Quantity			Other Units						Measurement	Sample	
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Туре	
81017 (ML-1) RF-8	Reported						<u> </u>						***************************************	
Chem Oxygen Demand Year Round	Permit Limits	NA	N/A		and the second second second	N/A	Rpt Only Avg Monthly	Rpt Only Max Dely	N/A	mg/l		1/quarter	Grab	
51065 (ML-1) RF-B	Reported								—		-			
PFOA Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab	
51715 (ML-1) RF-8	Reported													
HFPO Dimer Acid Year Round	Permit Umits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Delly	N/A	ug/l		1/quarter	Grab	

* CEL = Compliance Evaluation Level

Title of Officer Title of Officer Title of Officer Title of Officer Tresponsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowledge.		l certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and		my inquiry of the person or persons who manage the system, or those persons directly	
	Title of Officer	knowledge and belief, true, accurate, and complete. I am aware that there are significant	

FACILITY NAME: (WA				MPANY F	C. LLI		TIFIED LABORA	ATORY NAME: ATORY ADDRES		000000000000000000000000000000000000000	oodioboooobooooo		
PERMIT NO.: WV000	1279	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>0</u> 1	8									
WASTELOAD FOR TH	E MONTH OF:		***************************************	***************************************	responses sessions	INDI	/IDUAL PERFC	RMING ANALYS	is:		-4	330000000000000000000000000000000000000	
Parameter	3085.25400000000000000000000000000000000000		Quantity	Units	N.E			Other Units	CEL*	Units	N.E	Measurement Frequency	Sample Type
50050 (ML-1) RF-B	Reported				 	······································			***************************************		 		1
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A	900000000000000000000000000000000000000		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B	Reported			-	 						-		
Total Suspended Solids Year Round	Permit Limits	N/A	WA			WA	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-C	Reported	***************************************		 	 		***************************************		***************************************		_	00000000000000000000000000000000000000	
pH Year Round	Permit Limits	N/A	N/A	g 000000000000000000000000000000000000		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
00610 (ML-1) RF-C	Reported				-		Edopt compression and an arrangement						
Ammonia Nitrogen Year Round	Permit Limits	NA	N/A			NA 2	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/6 months	Grab
01104 (ML-1) RF-B	Reported				1		***************************************				*		
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l	Philade September 19 April 19	1/quarter	Grab
00980 (ML-1) RF-B	Reported							33330 Addisonation	***************************************				
ron, Total Recoverable fear Round	Permit Limits	N/A	N/A			WA :	Rpt Only Avg Monthly	Rpt Only Mex Daily	N/A	mg/l		1/quarter	Grab
*CEL = Compilance Evalua	tion Level								***************************************	ide & State Control of the Control o			
Name of Principal Exec	utive Officer						tachments were /stem designed		Date Co	mpleted	and the second second	**************************************	
qualifi my inc			ualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly authorized Agent. Signature of Principal Executive Officer or Authorized Agent.									or	
Title of Officer responsible for gathering the information, the information submitted knowledge and belief, true, accurate, and complete. I am aware that penalties for submitting false information including the possibility of imprisonment for knowing violations.				aware that ther	e are significant								

		***************************************				***************************************							***************************************				
•	CILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC CATION OF FACILITY: WASHINGTON; Wood County PMIT NO: VAVOO01279						FIED LABORA		 SS:				50	_			
PERMIT NO .: WV000)1279	***************************************	<u>01</u>	8													
WASTELOAD FOR TH	IE MONTH OF:				·	INDIVI	INDIVIDUAL PERFORMING ANALYSIS:										
Annua constitui de la constitu		4,0000000000000000000000000000000000000	Quantity	***************************************	000000000000000000000000000000000000000			ther Units				Measurement	Commission	2			
Parameter		145		Units	N,E.				CEL*	Units	N.E	Frequency	Sample Type				
81017 (ML-1) RF-C	Reported	***************************************		terrenconscientes occupations of the	1	B0000000000000000000000000000000000000					1		Activities in the contraction of	***			
Chem. Oxygen Demand Year Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab	•			
51065 (ML-1) RF-B	Reported										-			5			
PFOA Year Round	Permit Limits	N/A	NA			N/A	Rpt Only Avg Monthly	Rpt Only Max Delly	N/A	ug/l	The same of the sa	1/quarter	Grab				
51715 (ML-1) RF-B	Reported	***************************************	A 000000000000000000000000000000000000	Stations of our following property	† ~~			data establisheda establisheda establisheda establisheda establisheda establisheda establisheda establisheda e	thind considerations	ode sessiones and a session an	-		odeccescoccoccoccoccoccoccoccoccoccoccoccoccoc	2			
HFPO Dimer Acid Year Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	-	1/quarter	Grab				

* CEL = Compliance Evaluation Level

	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
	iny induity of the persons of persons who menage the system, of those persons directly	Signature of Principal Executive Officer or Authorized Agent
Title of Officer	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and	
	imprisonment for knowing violations	

WASTELOAD FOR TH	E MONTH OF:		**************************************			INDIV	***************************************	DRMING ANALYS	SIS:	**************************************		gersssssssssssssssssssss	200000000000000000000000000000000000000
≈ . 3		***************************************	Quantity		········	***************************************		Other Units	T			Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Type
50050 (ML-1) RF-B	Reported												
Flow,in Conduit of thru plant fear Round	Permit Limits	N/A	N/A	v v		ÄWÄ	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mgd	Open a religion de la constante de la constant	1/quarter	Estimated
0530 (ML-1) RF-B	Reported			************	-	***************************************		***************************************			-		
fotal Suspended Solids /ear Round	Permit Limits	N/A:	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
0400 (ML-1) RF-C	Reported	***************************************	pprose_			S (PSSS) dSSS(Abdition) to the company of the compa	~		***************************************				9 Josephonoscoccoccoccoccoccoccoccoccoccoccoccocco
H fear Round	Permit Limits	N/A	N/A			Rpt Only Inst Mm	N/A	Rpt Only inst Max	N/A	80		1/6 months	Grab
0610 (ML-1) RF-C	Reported				1						7		
rmmonia Nitrogen ear Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max: Daily	N/A	mg/l	***************************************	1/6 months	Grab
1104 (ML-1) RF-B	Reported			†	+								
Juminum, Total Recoverable lear Round	Permit Limits	N/A	N/A		-	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
0980 (ML-1) RF-B	Reported			*************************************	*********		***************************************	******		***************************************	—		***************************************
ron, Total Recoverable 'ear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	:	1/quarter	Grab
CEL = Compliance Evalua	Statistical Control of the Control o	under my d	der penalty of lav irection or super irsonnel properly	vision in a	ccorda	ance with a sy	stem designec	I to assure that					
my inquiry of the per				or persons who manage the system, or those persons directly g the information, the information submitted is, to the best of my						i was in the second of a second of			
Title of Officer		knowledge penalties fo	o for gathering the and belief, true, or submitting fals and for knowled a	accurate, a e informati	and co	omplete. I am	aware that the	re are significant		-ca riger	, inneitronabanalaphisis	ndelennistelenda on october en intelesta on incidenta on incidenta on incidenta on incidenta on incidenta on i	innepronomonomiciono, e cipalo, 4-l

51715 (ML-1) RF-B HFPO Dimer Acid

Year Round

Reported

Permit Limits

N/A

N/A

1/quarter

Grab

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

•	FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC LOCATION OF FACILITY: WASHINGTON; Wood County							ATORY NAME:				1900 Singh Britann Inching Successor Coccessor	000000000000000000000000000000000000000
PERMIT NO.: <u>WV000</u> WASTELOAD FOR TH			<u>019</u>	<u>}</u>		INDI	VIDUAL PERF	ORMING ANALY	/SIS:		nonnonnonnonnonnon		00000000000000000000000000000000000000
			Quantity	***************************************			Other Units					Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
81017 (ML-1) RF-C	Reported				1					1	1		· Comment of the comm
Chem Oxygen Demand Year Round	Permit Limits	N/A	N/A	•		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	NA.	mg/l		1/6 months	Grab
51065 (ML-1) RF-B	Reported				*						***************************************		***************************************
PFOA Year Round	Permit Limits	N/A	N/A		•	N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	T N/A	ug/I		1/quarter	Grab

N/A

Rpt Only

Max. Daily

WA

ug/l

Rpt Only

Avg Monthly

* CEL = Compliance Evaluation Level		
Name of Principal Executive Officer	certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
		Signature of Principal Executive Officer or
	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
000	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

MONTH OF:		<u>02</u>	2										
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			INDIV	NIAI DEDEC	RMING ANALYS	eic.				000000000000000000000000000000000000000	
	Barrell Committee of the Committee of th	Quantity					Métros Haita						
			Units	N.E.				GEL*	Units	N.E.	Measurement Frequency	Sample Type	
Reported		**************************************	<u> </u>	1				***************************************		***************************************	ainanniumaninnuanintainannioi		
Permit Limits	N/A	N/A			WA	Rpt Only Avg. Monthly	Rpt Only Max, Daily	N/A	mgd	***************************************	1/quarter	Estimated	
Reported			***************************************	<b>-</b>							**************************************		
Permit Lends	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Cally	NA	mg/l		1/quarter	Grab	
Reported		***************************************	***************************************			<del></del>		***************************************	•	1			
Permit Limits	N/A	N/A		**************************************	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab	
Reported			***************************************	-				***************************************					
Permit Limits	N/A	N/A			N/A	Rot Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/6 months	Grab	
Reported	***************************************		doccossocossocossocoscocos	************					<b></b>	1			
Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab	
Reported			100000000000000000000000000000000000000	***************************************		***************************************		***************************************			***************************************		
Permit Limits	WA	NA.			NA	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab	
on Level			***************************************	4-2000000000000000000000000000000000000					***************************************	**************************************		Biolobiodiobiodiobiocolocolocolocolocolocolocolocolocoloco	
Name of Principal Executive Officer								Date Completed					
Title of Officer			gather and persons when information accurate accurate accurate	d eval no mai on, thi and co	uate the informage the system of the system	nation submittem, or those pubmitted is, to	Signature of Principal Executive Officer or Authorized Agent						
	Permit Limits Reported Permit Limits Reported Permit Limits Reported Permit Limits Reported Permit Limits	Permit Limits  Reported  Permit Limits  Reported  Permit Limits  Reported  Permit Limits  N/A  Reported  Permit Limits  N/A  Permit Limits  N/A  Permit Limits  N/A  Permit Limits  N/A  Permit Limits  Permit Limits  N/A  Permit Limits  N/A  Permit Limits  N/A  Permit Limits  Permit Limits  Permit Limits  Permit Limits  N/A  Permit Limits   Reported  Permit Limits  Reported  Permit Limits  Reported  Permit Limits  N/A  N/A  Reported  Permit Limits  N/A  N/A  N/A  Reported  Permit Limits  N/A  N/A  N/A  N/A  Permit Limits  N/A  N/A  N/A  Permit Limits  N/A  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  Permit Limits  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  Permit Limits  N/A  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  N/A  Permit Limits  Permit Limits  N/A  N/A  Permit Limits  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  Permit Limits  N/A  N/A  P	Reported  Permit Limits  N/A  Reported  Permit Limits  N/A  Reported  Permit Limits  N/A  Reported  Permit Limits  N/A  N/A  N/A  Reported  Permit Limits  N/A  N/A  N/A  N/A  Reported  Permit Limits  N/A  N/A  N/A  N/A  N/A  Permit Limits  N/A  N/A  N/A  N/A  Permit Limits  N/A  N/A  N/A  N/A  Permit Limits  N/A  Permit Limits  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Reported  Permit Limits  N/A  N/A  Permit Limits  Reported  Permit Limits  N/A  N/A  Permit Limits  Reported  Permit Limits  N/A  N/A  Permit Limits  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  Permit Limits  N/A  N/A  Permit Limits  N/A  N/A  Permit Limits  Permit Limits  Permit Limits  N/A  N/A  Permit Limits  Permit Limits  Permit Limits  N/A  N/A  Permit Limits  Permit Limits  Permit Limits  Permit Limits  Permit Limits  N/A  N/A  Permit Limits  Permit Limi	Reported Permit Limits N/A	Reported  Permit Limits  N/A  N/A  N/A  N/A  Reported  Permit Limits  N/A  N/A  N/A  N/A  N/A  N/A  Reported  Permit Limits  N/A  N/A  N/A  N/A  N/A  Reported  Permit Limits  N/A  N/A  N/A  N/A  N/A  Reported  Permit Limits  N/A  N/A  N/A  N/A  Reported  N/A  N/A  Reported  N/A  N/A  Reported  N/A  N/A  N/A  Reported  N/A  N/A  N/A  N/A  N/A  Rept Only  Avg. Monthly  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Reported  Permit Limits  N/A  N/A  N/A  Rpt Only Avg. Monthly  Rpt O	Reported Permit Limits N/A N/A N/A Rept Only Avg. Monthly Max. Daily N/A Reported  Permit Limits N/A N/A Reported Reported Reported Reported Reported Reported Reported Reported N/A N/A Rept Only N/A Rept Only N/A Rept Only N/A Rept Only N/A Reported N/A Reported N/A Reported N/A N/A Reported N/A Reported N/A Reported N/A Reported N/A Reported N/A Reported N/A N/A Rept Only N/A Reported N/A N/A Rept Only N/A Rept Only N/A Reported N/A N/A Rept Only N/A Rept O	Reported Permit Limits N/A	Reported Permit Limits N/A	Reported Permit Limits N/A N/A N/A N/A N/A N/A Rpt Only Avg. Morrishy N/A Rpt Only Avg. Morrishy N/A N/A Rpt Only Avg. Morrishy N/A N/A Rpt Only Avg. Morrishy N/A N/A Rpt Only N/A N/A Rpt Only N/A Rpt		

				-00000000000000000000000000000000000000			***************************************									
FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC LOCATION OF FACILITY: WASHINGTON; Wood County PERMIT NO.: WV0001279 022 WASTELOAD FOR THE MONTH OF:								CERTIFIED LABORATORY NAME:  CERTIFIED LABORATORY ADDRESS:  INDIVIDUAL PERFORMING ANALYSIS:								
										****************		1				
		Zuanniy	Units	ΝE				CEL*	Units	N.E.	Measurement Frequency	Sample Type				
Reported			**************************************						***************************************	Ī						
Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Deity	N/A	mg/l	***************************************	1/6 months	Grab				
Reported			***************************************							<b>†</b>						
Permit Limits	WA	N/A			N/A	Rpt Only Avg Morthly	Rpt Only Mex Daily	N/A	ug/i		1/quarter	Grab				
Reported			agest <u>issestismissioonustamis</u> eiseise		***************************************						**************************************					
Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	ug/I		1/quarter	Grab				
	: WASHING 279 MONTH OF: Reported Permit Limits Reported Permit Limits	Permit Limits  Reported  Permit Limits  Reported  Permit Limits  Reported  N/A  Reported  N/A	WASHINGTON; Wood County  79 02  MONTH OF:  Quantity  Reported  Permit Limits  N/A N/A  Reported  Permit Limits  N/A N/A  Reported  N/A N/A	WASHINGTON; Wood County  79 022  MONTH OF:  Quantity  Units  Reported  Permit Limits  Reported  Permit Limits  N/A  N/A  N/A  N/A  Reported  N/A  N/A  N/A	WASHINGTON; Wood County  O22  MONTH OF:  Quantity  Units N.E.  Reported  Permit Limits  N/A  N/A  N/A  N/A  Reported  N/A  N/A  N/A  N/A  N/A  N/A	WASHINGTON; Wood County  OZ2  MONTH OF:  Quantity  Units N.E  Reported  Permit Limits  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	WASHINGTON; Wood County  O22  MONTH OF:  Quantity  Quantity  Units  N.E  Reported  Permit Limits  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	CERTIFIED LABORATORY ADDRE	CERTIFIED LABORATORY ADDRESS:    279	CERTIFIED LABORATORY ADDRESS:    MONTH OF:   INDIVIDUAL PERFORMING ANALYSIS:	WASHINGTON; Wood County	CERTIFIED LABORATORY ADDRESS:    O22     INDIVIDUAL PERFORMING ANALYSIS:				

* CEL = Compliance Evaluation Level

	certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
	qualified personnel properly gather and evaluate the information submitted. Based on	Signature of Principal Executive Officer or
www.compactical.computative.experimental construction of the const	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

FACILITY NAME: <u>(WA:</u> LOCATION OF FACILIT PERMIT NO.: <u>WV000</u>	Y: WASHING		d County	<u>OMPANY F</u> 23	C, LL		RTIFIED LABOR RTIFIED LABOR	RATORY NAME: RATORY ADDRES	 is:						
WASTELOAD FOR TH			<u>V</u>			IND	INDIVIDUAL PERFORMING ANALYSIS:								
000000000000000000000000000000000000000			Quantify				**************************************		Measurement	Sample					
Parameter	30000000000000000000000000000000000000			Units	N.E				CEL*	Units	N.E.	8 :20	Туре		
50050 (ML-1) RF-B	Reported				1						1		***************************************		
Flow,in Conduit or thru plant (ear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mgd	-	1/quarter	Estimated		
00530 (ML-1) RF-B lotal Suspended Solids Year Round	Reported				•						1				
	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/quarter	Grab		
00400 (ML-1) RF-C pH Year Round	Reported			<b></b>	-						<b></b>	***************************************			
	Permit Limits	N/A	N/A			Rpt Only Inst Min	N/A	Rpt Only Inst Max	N/A	S.U		1/6 months	Grab		
00610 (ML-1) RF-C Ammonia Nitrogen Year Round	Reported	*****************	***************************************	<b></b>	<b>†</b>						-	***************************************	<u> </u>		
	Permit Limits	N/A	N/A:		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab		
01104 (ML-1) RF-B	Reported				<b>-</b>			***************************************			+				
Numinum, Total Recoverable /ear Round	Permit Limits	NA	N/A		Production of the second constant	NA	Rpt Only Ave Monthly	Rot Only Max Cally	N/A	mg/l		1/quarter	Grab		
0980 (ML-1) RF-B	Reported		***************************************		<b>*</b>						<b>*</b>				
ron, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab		
CEL = Compliance Evalua		¬lunder my	nder penalty of lav	vision in a	ccorda	ance with a r	system designed	d to assure that	Date Co	mpleted	***************************************				
Title of Officer	qualified ; my inquin responsib knowledg penalties	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.										or			

***************************************						*******************************								Annining		
FACILITY NAME: WALLOCATION OF FACILITY PERMIT NO.: WV000	TY: WASHING		County	OMPANY E	C. LL	*			ATORY NAME: ATORY ADDRE	SS:						
WASTELOAD FOR THE MONTH OF:						*************	INDIVIDUAL PERFORMING ANALYSIS:									
Parameter 81017 (ML-1) RF-C	***************************************		Quantity	************************					Measurement	Sample						
				Units	N.E.			Y by E.A.		CEL*	Units	N.E.		Туре		
81017 (ML-1) RF-C	Reported				1		an talang talan kalanda an S			1	***************************************		***************************************			
Chem Oxygen Demand	Permit Limits	N/A	N/A /			NA		Rpt Only Avg Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/6 months	Grab		
51065 (ML-1) RF-B	Reported	<u> </u>				<b>i</b>	***************************************				<b></b>		***************************************			
PFOA Year Round	Permit Limits	N/A	N/A			N/A		Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	ug/l		1/quarter	Grab		
51715 (ML-1) RF-B	Reported			-			oosedoobahaak taasaa	***************************************		<b>-</b>			***************************************			
HFPO Dimer Acid Year Round	Permit Limits	N/A	N/A			N/A		Rpt Only Avg Monthly	Rpt Only Max Daily	] N/A	ug/I		1/quarter	Grab		

* CEL = Compliance Evaluation Level

	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
		Signature of Principal Executive Officer or
	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
	penalties for submitting false information including the possibility of a fine and	
<b></b>	imprisonment for knowing violations.	

	PERMIT NO.: WV0001279 025 WASTELOAD FOR THE MONTH OF:							INDIVIDUAL PERFORMING ANALYSIS:									
	99999999999999999999999999999999999999	***************************************	Quantity				0	Measurement	Sample								
Parameter	6.			Units	N.E	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			CEL*	Units	N.E.	Frequency	Туре				
50050 (ML-1) RF-B	Reported			~~~~~~~							1		1				
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated				
00530 (ML-1) RF-B	Reported	***************************************	***			***************************************			***************************************		1						
Total Suspended Solids Year Round	Permit Limits	NA	NA:			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab				
00400 (ML-1) RF-C	Reported				-		***************************************				1		-				
pH Year Round	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	N/A	Rpt Only frist Max	N/A	S.U.		1/6 months	Grab				
00610 (ML-1) RF-C	Reported									100 ES (100 ES	<b>†</b>						
Ammonia Nitrogen Year Round	Permit Limits	N/A	N/A	4		N/A	Rot Only Avg. Monthly	Rpt Only Max Daily	T NA	mg/l		1/6 months	Grab				
01104 (ML-1) RF-B	Reported			****************	***************************************			***************************************		***************************************	*********	4 Western (1980)	***************************************				
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l		1/quarter	Grab				
00980 (ML-1) RF-B	Reported			***************************************	<b> </b>		<u> </u>				+						
iron, Total Recoverable Year Round	Permit Limits	N/A	N/A			WA.	Rpt Only Avg Monthly	Rpt Only Mex Daily	NA .	mg/l		1/quarter	Grab				

PFOA

Year Round

51715 (ML-1) RF-B

HFPO Dimer Acid

Title of Officer

Year Round

1/quarter

1/quarter

Grab

Grab

#### STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC LOCATION OF FACILITY: WASHINGTON; Wood County PERMIT NO.: WV0001279 025 WASTELOAD FOR THE MONTH OF:							FIED LABORAT FIED LABORAT DUAL PERFOR	ORY ADDRES					
Parameter			Quantity	Units	N.E.	**************************************	<u> </u>	her Units	CEL*	Units	N.E	Measurement Frequency	Sample Type
81017 (ML-1) RF-C Chem. Oxygen Demand Year Round	Reported Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
51065 (ML-1) RF-B	Reported							***************************************	***********************		*****		

N/A

Rpt Only

Avg Monthly

Rpt Only

Avg. Monthly

Rpt Only

Max Daily

Rpt Only

Max. Daily

N/A

N/A

ug/l

ug/l

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that

N/A

N/A

N/A

Permit Limits

Reported

Permit Limits

under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant

knowledge and belief, true, accurate, and complete. I am aware that there are signific penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

Date Completed

Signature of Principal Executive Officer or Authorized Agent

FACILITY NAME: (WAS				MPANY F	C. LL		FIED LABORAT		S:				R0000000000000000000000000000000000000
PERMIT NO.: WV0001	279	special control of the control of th	<u>02</u>	6	*************						yaanaaaaaaa	,,	renjamananananiya ya ayka araniya ya .
WASTELOAD FOR THE	E MONTH OF:	***************************************			***************************************	INDIVI	DUAL PERFOR		IS:			***************************************	belle college to the
Parameter			Quantity I	T	T _{N.E}			ther Units	CEL*	T Units	N.E.	Measurement Frequency	Sample Type
and the second s				Units	IIV.C	***************************************	<b>_</b>		VI	I VINIS	¥,		<b>_</b>
50050 (ML-1) RF-B	Reported		2002			****	<u> </u>	<del> </del>	N/A			4/21/24/25	Estimated
Plow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mgd		1/quarter	Esumateu
00530 (ML-1) RF-B	Reported	<b></b>		<b></b>	╁		<b>-</b>	<b>-</b>	\$99 <del>0</del> \$400\$450000000000000000000000000000000	-	+		*******************************
Total Suspended Solids Year Round	Permit Limits	N/A	N/A.		-	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-C	Reported				+	***************************************			**************************************		-		<b>************************************</b>
H fear Round	Permit Limits	N/A	NA /			Rpt Only Inst Min	N/A	Rpt Only Inst Mex	NA	su.		1/6 months	Grab
ummonia Nitrogen	Reported			<b></b>	***************************************				***************************************				<b></b>
	Permit Limits	N/A	N/A	<b>n</b> gariossassassassassassassassassassassassassa		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab.
01104 (ML-1) RF-B	Reported				<b> </b>				***************************************		1	***************************************	-
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
00980 (ML-1) RF-B	Reported								************************				***************************************
Iron, Total Recoverable Year Round	Permit Limits	N/A	N/A	A processor and the second	ономиненном	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab.
* CEL = Compliance Evalua	tion Level				***************************************		00000000000000000000000000000000000000	ooderoosoooooooooooooooooooooooooooooooo					,Aueccopeanyer-scoossoooco
Name of Principal Exec	24						achments were		Date Co	mpleted			
		qualified per my inquiry of responsible	sonnel properly the person or for gathering th	/ gather an persons w e informati	d eva ho ma ion, th	luate the information see information s	stem designed t nation submitte em, or those per submitted is, to	d Based on rsons directly the best of my		re of Princed Agent		Executive Office	ror
THE OF CHICE!	knowledge a penalties for	nd belief, true,	accurate, e informat	and c	omplete I am a	ware that there sibility of a fine	are significant						

,00000000000000000000000000000000000000		***************************************			Managagagagagagagagagagagagagagagagagaga								
FACILITY NAME: (WALLOCATION OF FACILITY PERMIT NO.: WV000	TY: WASHING				2. LLC			ATORY NAME: ATORY ADDRE			9-1-000-0000000000000000000000000000000		
WASTELOAD FOR TH	E MONTH OF:					INDIV	IDUAL PERFC	RMING ANALY	'SIS:				
			Quantity	.0000000000000000000000000000000000000	coloronismoscoss:			Other Units			***************************************	Saani mana	Commis
Parameter				Units	N.E.				CEL*	Units	NE.	Measurement Frequency	Sample Type
81017 (ML-1) RF-C	Reported	1							1	1			f*************************************
hem Oxygen Demand	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/i		1/6 months	Grab
51065 (ML-1) RF-B	Reported			<b>*************************************</b>	<del>*************************************</del>		***************************************			***************************************	-		
FOA	Pennit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Deliy	N/A	ug/l		1/quarter	Grab
IFPO Dimer Acid	Reported	***************************************							<b>*************************************</b>	*			
	Permit Limits	N/A	NA			N/A	Rpt Only Avg Monthly	Rpt Only Mex Deily	] N/A	ug/i		1/quarter	Grab

	l certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
Title of Officer	responsible for gathering the information, the information submitted is, to the best of my	Signature of Principal Executive Officer or Authorized Agent
330	knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

FACILITY NAME: (WA	TY: WASHING		County		C. LL		FIED LABORA	ATORY NAME:	S;				20000200000000000000000000000000000000
PERMIT NO.: WV000	***************************************		03	0	200000000000000000000000000000000000000	** *** *** ***	price a second processor.	**************************************		***************************************	***************************************		
WASTELOAD FOR TH	E MUNITUR:			Keeneneeneeneeneeneeneeneeneeneeneeneene	***************************************	TINDIAI	***************************************	RMING ANALYS	315: ************************************			28.000000000000000000000000000000000000	ergenenen er en
			Quantity	<b>*************************************</b>	<b>T</b>		<u> </u>	Other Units	1	<b></b>	***************************************	Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
50050 (ML-1) RF-B	Reported					***************************************		***************************************			***************************************		55 Activitismusismus
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A	***->action/paramanananananananananananananananananan		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mgd		1/guarter	Estimated
00530 (ML-1) RF-B	Reported	<b></b>			<b>†</b>	1					-		
Total Suspended Solids Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-C	Reported	***************************************		**************************************	***************************************		******************************		***************************************		1	***************************************	***************************************
l ear Round Permit Limits	NA	N/A			Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.	***************************************	1/6 months	Grab	
0610 (ML-1) RF-C	Reported	<b>†</b>	•			1	•	%			-	***************************************	
Ammonia Nitrogen Year Round	Permit Limits	N/A	N/A			NA	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/6 months	Grab
01104 (ML-1) RF-B	Reported				***************************************						1		***************************************
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	***************************************	1/quarter	Grab
00980 (ML-1) RF-B	Reported				***************************************	***************************************			***************************************				
iron, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only  Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
- C.O.					<u> </u>							-	
* CEL = Compliance Evalus		8i xtc 1	\$i. F i	**************************************						ndenocennenosoppeggeneggenes			
Name of Principal Exec	utive Officer	under my dire	r penalty of law ection or superv	vision in ac	ccorda	ance with a sys	tem designed	to assure that	Date Co	ompleted			
Title of Officer		iny inquiry of responsible for knowledge an penalties for	sonnel properly the person or p or gathering the nd belief, true, a submitting false	persons when information accurate, accurate, accurate, accurate, accurate, accuration action action action action accurate.	ho ma on, th and co on inc	inage the syste le information s omplete. I am a	m, or those pe submitted is, to sware that there	ersons directly the best of my e are significant	Authoria	re of Princ zed Agent		executive Office	ror

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC LOCATION OF FACILITY: WASHINGTON; Wood County PERMIT NO.: WV0001279 030 WASTELOAD FOR THE MONTH OF:							FIED LABORAT FIED LABORAT DUAL PERFOR	FORY ADDRES					
			Quantity				0	her Units				Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.		Туре
hem. Oxygen Demand	Reported			***************************************		***************************************	***************************************						
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l	No of the latest section of the latest secti	1/6 months	Grab
51065 (ML-1) RF-B	Reported								***************************************				
PFOA	Parmit Limits	N/A	NA:			NA	Rpt Only Avg Monthly	Rpt Only Max Daily	WA	ug/i		1/quarter	Grab
HFPO Dimer Acid	Reported												,
	Permit Limits	N/A	N/A		-	N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	ug/l	parameter	1/quarter	Grab

	certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
	iny induity of the person of persons who manage the system, of those persons directly - [	Signature of Principal Executive Officer or Authorized Agent
Line of Oliver	knowledge and belief, true, accurate, and complete. I am aware that there are significant	
81 2	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

· · · · · · · · · · · · · · · · · · ·				DIOOI	19-48-30-55	" INSCRIBE CONTRACT	2 13 E. C. C. C.						
FACILITY NAME: <u>(WA</u> LOCATION OF FACILIT				MPANY F	C. LLC			ATORY NAME: ATORY ADDRES	S:				
PERMIT NO .: WV000			<u>03</u>	1					-				
WASTELOAD FOR TH	E MONTH OF:		200000000000000000000000000000000000000	***************************************			DUAL PERFO	RMING ANALYS	IS:		000000000000000000000000000000000000000		
4			Quantity	generations				Other Units		·	ngermanee	Measurement	Sample
Parameter		1.7		Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
i0050 (ML-1) RF-B	Reported											90000000000000000000000000000000000000	
low,in Conduit or thru plant fear Round	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Mex Daily	NA	mgd		1/quarter	Estimated
0530 (ML-1) RF-B	Reported				<u> </u>						-		
Total Suspended Solids Year Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-C	Reported								*******************************	*************************			
ar Round	Permit Limits	N/A	N/A		· · · · · · · · · · · · · · · · · · ·	Rpt Only Inst Min	N/A	Rpt Only tret Mex	NA	S U.		1/6 months	Grab
	Reported								******************				
Ammonia Nitrogen /ear Round	Permit Limits	N/A	N/A		avanavanavani) pri	N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l	***************************************	1/6 months	Grab
)1104 (ML-1) RF-B	Reported									***************************************		***************************************	
Aluminum, Total Recoverable fear Round	Pennit Limits	N/A	NA			N/A	Rpt Only Avg Monthly	Rpt Only Mex Daily	NA	mg/l		1/quarter	Grab
00980 (ML-1) RF-B	Reported	***************************************						****	***************************************				
ron, Total Recoverable fear Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l	-	1/quarter	Grab
CEL = Compliance Evalue Name of Principal Exec						ent and all atta			Date Co	mpleted			
Title of Officer responsible for gathering the information, the information includir penalties for submitting false information includir				uate the inform nage the syste e information s emplete. I am a	ation submittem, or those pro ubmitted is, to ware that ther	ed. Based on ersons directly the best of my re are significant	Authoriz	re of Princ ced Agent	ipal E	xecutive Office	for 1		
	ngagagan ng atayla ng mang dagi ni kangigi ni kangigi ni kangini kangini kangini ni kangini kangini kangini ka	<b>∐</b> imprisonmen	t for knowing v	iolations.	aga.	i i i i i i i i i i i i i i i i i i i				and a contract of the contract	arcenius conses		

FACILITY NAME: (WAS LOCATION OF FACILIT PERMIT NO.: WV0001 WASTELOAD FOR THE	Y: WASHING 279	CERTI	FIED LABOR	ATORY NAME: ATORY ADDRE		000000000000000000000000000000000000000							
			Quantity	***************************************			000000000000000000000000000000000000000	Other Units		*******************************		Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Type
Them Oxygen Demand	Reported					***************************************							
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Mex. Daily	NA	mg/l		1/6 months	Grab
51065 (ML-1) RF-B	Reported			***************************************						April Marie			
PFOA Year Round	Permit Limits	N/A	N/A			NA	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	ug/l	,	1/quarter	Grab
51715 (ML-1) RF-B	Reported	***************************************	***************************************	***************************************					<b> </b>			egeppgeoppgeococcoccoccion880cca886c68884888	
HFPO Dimer Acid	Permit Limits	N/A	N/A	s '		N/A	Rpt Only Avg Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab

***************************************					**************************************	**************************************		10000000000000000000000000000000000000	.00000000000000000000000000000000000000	300000000000000000000000000000000000000	0000000000000000	000000000000000000000000000000000000000	.00000000000000000000000000000000000000
FACILITY NAME: (WAS				MPANY FO	C. LLC		FIED LABORAT	TORY NAME:	ss:	000000000000000000000000000000000000000			560000000000000000000000000000000000000
PERMIT NO.: WV0001			032	2					and a grand proper proper problems.			and the second s	
WASTELOAD FOR THE	MONTH OF:					INDIVI	<b>JUAL PERFOR</b>	RMING ANALYS	IS:	2001 2007;0001 2000033000000X			
San District Control of the Control		20000000000000000000000000000000000000	Quantity				O)	ther Units		20000000000000000000000000000000000000	-^	Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Type
50050 (ML-1) RF-B	Reported												
Flow,in Conduit or thru plant fear Round	Permit Limits	N/A	N/A	- Wilder State Control of the Contro	, removement and remo	N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mgd		1/quarter	Estimated
0530 (ML-1) RF-B	Reported				1	<b>å</b>	<b>*************************************</b>	1	<u> </u>	***************************************	1		<del>\$</del>
fotal Suspended Solids Year Round	Permit Limits	NA:	N/A	- Constitution of the Cons		NA .	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
0400 (ML-1) RF-C	Reported	<del></del>		***************************************	1	***************************************	***************************************	1	<b></b>	<b>†</b>	1		**************************************
oH Year Round	Permit Limits	N/A	N/A	ionicorosionos	eria de cua primir de la companya de	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Mex.	N/A	S.U.		1/6 months	Grab
	Reported				<b>+</b>								
Ammonia Nitrogen Year Round	Permit Limits	N/A	WA			N/A	Rpt Only Avg Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/6 months	Grab
01104 (ML-1) RF-B	Reported			***************************************	ASSOCIATION NO.	60000000000000000000000000000000000000			\$6000000000000000000000000000000000000	888866888888888888888888888888888888888	Reconstruction		
Atuminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00980 (ML-1) RF-B	Reported	<b></b>			+				<u> </u>	1	<b>†</b>		
ron, Total Recoverable Year Round	Permit Limits	N/A	N/A	- Constitution of the Cons		NA	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
CEL = Compliance Evaluation Level  Name of Principal Executive Officer  Title of Officer		under my dire qualified pers my inquiry of responsible fo	ection or supen sonnel properly the person or p or gathering the	vision in ac gather and persons when the second of the sec	ccords  ordered  from  ordered   ance with a sys duate the inform anage the syste ne information s	achments were patern designed to nation submitted im, or those per ubmitted is, to the	o assure that d. Based on rsons directly the best of my	Signatui Authoriz	ompleted re of Princ zed Agent	T al laque	Executive Office	ror	
itle of Officer		penalties for s		e informati	ion inc	cluding the poss	ware that there sibility of a fine i			x0xxx000000000000000000000000000000000			

51715 (ML-1) RF-B HFPO Dimer Ackl

Year Round

Reported

Permit Limits

N/A

N/A

N/A

Rpt Only

Max. Daily

ug/l

### STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

				0.00 T TOT 100 T	9 11 N NO 1		ur i suui eriti						1.00
FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC. LLC LOCATION OF FACILITY: WASHINGTON; Wood County PERMIT NO.: WV0001279  WASTELOAD FOR THE MONTH OF:							FIED LABORAT FIED LABORAT		S:				\$50000461650nnibishla08ddoodcoopcoo
WASTELOAD FOR TH	E MONTH OF:	***************************************			***************************************	INDIVII	DUAL PERFOR	MING ANALYS	IS:				
			Quantity				O:	her Units				Measurement	Sample
Parameter				Units	ΝE				CEL*	Units	N.E.	•	Type
81017 (ML-1) RF-C	Reported			***************************************	1		Service and the service of the servi			<u> </u>	1		***************************************
Chem. Oxygen Demand Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/6 months	Grab
FOA T	Reported	***************************************		***************************************			***************************************				-		**************************************
	Permit Limits	WA	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex Daily	N/A	ug/l		1/quarter	Grab

N/A

Rpt Only

Avg. Monthly

*CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

| Date Completed | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Authorized Agent | Signature of Principal Executive Officer or Autho

Grab

1/quarter

FACILITY NAME: WAS	Y: WASHING		County		C. LLC		TIFIED LABORA	ATORY NAME: ATORY ADDRES:	s:				
PERMIT NO.: WV0001 WASTELOAD FOR THE			03:	3		- INDIV	/IDUAL PERFC	ORMING ANALYS	ils:				
<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>			Quantily	200000000000000000000000000000000000000	***************************************			Other Units	4444444444444444444444444	SCOOLS CONTROL	010000000000000000000000000000000000000	Measurement	Sample
Parameter	page page page page page page page page	7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Units	N,E,				CEL*	Units	N.E.	8	Туре
50050 (ML-1) RF-B	Reported		***************************************		1				<u> </u>				
Flow in Conduit or thru plant Year Round	Permit Limits	NA .	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	NA	mgd		1/quarter	Estimated
00530 (ML-1) RF-B	Reported												
Total Suspended Solids Year Round	Permit Limits	N/A	N/A	Activitization		N/A	Rpt Only Avg. Monthly	Rpt Only Max: Daily	N/A	mg/i	***************************************	1/quarter	Grab
00400 (ML-1) RF-C	Reported			ļ			***************************************			1			
pH Year Round	Permit Limits	N/A	N/A			Rpt Only Inst Min	WA	Rot Only Inst Max	N/A	SU		1/6 months	Grab
Ammonia Nitrogen	Reported	<b>*************************************</b>		<u> </u>	***************************************	***************************************							
	Permit Limits	NA	N/A	MANAGAMAGAA		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l	***************************************	1/6 months	Grab
01104 (ML-1) RF-B	Reported				-				<del> </del>				
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00980 (ML-1) RF-B	Reported	<b></b>	***************************************		1				***************************************			<b></b>	1
Iron, Total Recoverable Year Round	Permit Limits	N/A	N/A	MANAGAMANA		N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/quarter	Grab
* CEL = Compliance Evalua	tion Level	&	d					•••••	***************************************		cooloooooooooooooooooooooooooooooooooo	<b></b>	
Name of Principal Execu	utive Officer	certify unde	or penalty of law ection or superv	that this r	docum	nent and all at	achments wen	e prepared	Date Cr	ompleted	Production of the Control of the Con	5000CCC0000inesusersusus yersusususi. andeksinabidnahadrivanan isaberisasivasihadrivabanna	satisfaction and a second and a
qualified personnel properly gather an my inquiry of the person or persons w				nd eva vho ma	aluate the informanage the systematics.	mation submitti tem, or those p	ted. Based on ersons directly		ire of Princ zed Agent		executive Office	ror	
Title of Officer		knowledge ar penalties for a	nd belief, true, a submitting false at for knowing vi	accurate, i e informati	and or	omplete. I am	aware that ther	re are significant					

					***************************************	***************************************							30000000000000000000000000000000000000	_
FACILITY NAME: (WAS LOCATION OF FACILIT PERMIT NO.: WV000' WASTELOAD FOR THI	Y: <u>WASHING</u> 1279	GTON; Wood C			C. LLC	CERTI	FIED LABORA	ATORY NAME: ATORY ADDRE						
WASILECADIORII	_ 111014777 01 .	······································	Quantity	***************************************	) ) ) ) ) ) ) ) ) ) )			Other Units		***************************************	(999)		***************************************	9
Parameter	And the second of the second o			Units	N.E.				CEL*	Units	N.E.	Measurement Frequency	Sample Type	
81017 (ML-1) RF-C	Reported	***************************************			1	***************************************						************************************	<u>Proposition of the second of </u>	
hem Oxygen Demand	Permit Limits	NA	N/A	***		N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/6 months	Grab	B. 0000000000
51065 (ML-1) RF-B	Reported	<b>_</b>			-		***************************************			***************************************	***************************************	***************************************		2
PFOA	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	ug/I		1/quarter	Grab	
HFPO Dirner Acid	Reported													2
	Permit Limits	NA	N/A			NA .	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	ug/l		1/quarter	Grab	\$ 00 miles

Name of Principal Executive Officer

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

Date Completed

Signature of Principal Executive Officer or Authorized Agent

FACILITY NAME: WA		<u>-</u>		)MPANY F(	C.LLC			ATORY NAME: ATORY ADDRES	······································	200000000000000000000000000000000000000	00000000000000000000000000000000000000		
PERMIT NO.: WV000	***************************************		03	j4	reserveyeeeeneer		I ILD LABOR	ATONT ADDRES	·				
WASTELOAD FOR TH		***************************************	***************************************	000000000000000000000000000000000000000			IDUAL PERFC	DRMING ANALYS	ilS:				
			Quantity		16981161176250.cc		······································	Other Units			***************************************	Measurement	Sample
Parameter				Units	N.E.			440	CEL*	Units	N.E.	Barrier and the second second second second	Туре
50050 (ML-1) RF-B	Reported			f					***************************************	and a second	1		
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A		AMMONTANAMANAMANAMANAMANAMANAMANAMANAMANAMAN	N/A	Rpt Only Avg. Monthly	Rpt Only Max: Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B	Reported				-					-	+	<b></b>	<b>*</b>
Total Suspended Solids Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	mg/l		1/quarter	Grab
00400 (ML-1) RF-C	Reported								 	20.0	**************		***************************************
pH Year Round	Permit Limits	N/A	N/A	досоонновновновновно	***************************************	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
00610 (ML-1) RF-C	Reported				<b>†</b>						+		
Ammonia Nitrogen Year Round	Permit Limits	N/A	NA			WA	Rpt Only Avg Morahly	Rpt Only Max Daily	N/A	mg/l		1/6 months	Grab
01104 (ML-1) RF-B	Reported			1	-					***************************************	***************************************		
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A		***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00980 (ML-1) RF-B	Reported	***************************************	***************************************	<b>†</b>	************				***************************************		+	<b>İ</b>	<b> </b>
iron, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
* CEL = Compliance Evalua Name of Principal Execution Title of Officer		under my dire qualified pers my inquiry of responsible for knowledge ar penalties for	sonnel properly the person or or gathering th	rvision in ac y gather and persons whe information accurate, a se information	ccorda id eval ho ma ion, the and co	ance with a sys luate the informanage the system ie information somplete. I am a	stem designed mation submitt em, or those po submitted is, to aware that thei	I to assure that led. Based on ersons directly o the best of my re are significant	Signatu Authoria	ompleted ire of Princ zed Agent	cipal E	Executive Officer	ror

* CEL = Compliance Evaluation Level

#### STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

													***************************************
FACILITY NAME: (V)	ASHINGTON W	ORKS) TH	E CHEMOURS CC	MPANY F	C. LLC	CE	RTIFIED LABOR	ATORY NAME:	•			*i->000000000000000000000000000000000000	000000000000000000000000000000000000000
LOCATION OF FACIL	ITY: WASHING	STON; Woo	od County			CÉ	RTIFIED LABOR	ATORY ADDRE	SS:				
PERMIT NO .: WYOO			03	4	***************************************						***************************************		
WASTELOAD FOR T		***************************************				INI	DIVIDUAL PERF	ORMING ANALY	/SIS:	eri-maniji.omanoma, bi-omanjia si			
<u>2022220222222222222222222222222222222</u>			Quantity	***************************************				Other Units			************	Measurement	Sample
Parameter		· .		Units	N.E.		000000000000000000000000000000000000000		CEL*	Units	N.E.	<b>8</b>	Туре
81017 (ML-1) RF-C	Reported					***************************************	ornatoroccos de la constante de la constante de la constante de la constante de la constante de la constante d	***************************************					
Chem Oxygen Demand Year Round	Permit Limits	N/A	N/A	gun escaparation de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la constan		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/6 months	Grab
51065 (ML-1) RF-B	Reported												
PFOA Year Round	Permit Limits	N/A	NA .			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	ug/l		1/quarter	Grab
51715 (ML-1) RF-B	Reported		tombestatueisesia taukisidusesiaidusesiatuukineisidusessaanusessaalutt		<b>_</b>	<b></b>			****	***************************************	1		\$0000: NONE
HFPO Dimer Acid Year Round	Permit Limits	N/A	N/A	No.		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab

certify under penalty of law that this document and all attachments were prepared Name of Principal Executive Officer **Date Completed** lunder my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on Signature of Principal Executive Officer or my inquiry of the person or persons who manage the system, or those persons directly **Authorized Agent** responsible for gathering the information, the information submitted is, to the best of my Title of Officer knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and

imprisonment for knowing violations

FACILITY NAME: <u>(WA</u> LOCATION OF FACILITY	Y: WASHING		County		C. LL			ATORY NAME: ATORY ADDRES	S:	***************************************			
PERMIT NO.: WV000: WASTELOAD FOR TH			03	B6-		INDI\	IDUAL PERFO	RMING ANALYS	ils:				
			Quantity				······································	Other Units				Measurement	Sample
Parameter			an sylva Germania	Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
50050 (ML-1) RF-B	Reported				T		, , , , , , , , , , , , , , , , , , ,			******************	Î		and the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of the contribution of th
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A			WA	Rot Only Avg Monthly	Rpt Only Mex Delly	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B	Reported								***************************************		***************************************	***************************************	<u> </u>
Total Suspended Solids Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg: Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
0400 (ML-1) RF-C	Reported					•			***************************************		1	***************************************	<b>†</b>
oH fear Round	Permit Limits	NA .	NA			Rat Only Inst. Min	N/A	Rpt Only Inst. Max	N/A	S.U.		1/6 months	Grab
00610 (ML-1) RF-C	Reported				***************************************		***************************************			***************************************	1		<b></b>
Ammonia Nitrogen Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	e-reference accounts	1/6 months	Grab
01104 (ML-1) RF-B	Reported		***************************************		-	***************************************	****		***************************************		-		***************************************
Numinum, Total Recoverable Year Round	Permit Limits	NA .	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/quarter	Grab
00980 (ML-1) RF-B	Reported			•	-		1		***************************************	***************************************	<b>†</b>		<b>**********</b>
ron, Total Recoverable Year Round	Permit Limits	N/A	N/A	<b>,</b>		N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/quarter	Grab
*CEL = Compliance Evalua Name of Principal Exec	***************************************	I certify unde	r penalty of lav	v that this :	docum	ent and all at	tachments wer	e prepared					
Name of Fillicipal Execu	unae Onicei	under my dir	ection or super	vision in a	ccorda	ance with a sy	stem designed	to assure that	Date Co	ompleted	<u></u>		
Title of Officer		my inquiry of responsible	the person or for gathering th	persons w e informat	ho me	inage the sysi e information	submitted is, to	ersons directly the best of my	Authoria	re of Princ zed Agent	ipal E	xecutive Office	*or
		penalties for	nd belief, true, submitting fals it for knowing v	e informat	and co ion inc	omplete. I am duding the po	aware that the ssibility of a fin	re are significant e and					

WRD 2A-82

#### Permit Limits

## STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

FACILITY NAME: (WAS LOCATION OF FACILIT PERMIT NO.: WV0001	Y: WASHING 279	STON; Wood C			2. LLC	CERTII	FIED LABOR	ATORY NAME: ATORY ADDRE	***************************************	000000000000000000000000000000000000000			
WASTELOAD FOR THE	EMUNIHUE:	***************************************	Quantity		***************************************	INUIVII		ORMING ANALY	SIS:		*****************		20000000000000000000000000000000000000
Parameter	4 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Quantity	Units	N.E.			Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
81017 (ML-1) RF-C	Reported					********************************	8-00-passassassassassassassassassassassassass			<b>_</b>	1		
Chem. Oxygen Demand Year Round	Permit Limits	WA	N/A			NA .	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mg/l		1/6 months	Grab
51065 (ML-1) RF-B	Reported	<b></b>		***************************************			<del> </del>		1				
PFOA Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex Daily	N/A	ug/i		1/quarter	Grab
51715 (ML-1) RF-B	Reported	<b></b>		*************************					-	-			
HFPO Dimer Acid Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	ug/l		1/quarter	Grab

	l certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
	his sudant of the belock of belocks who manage the system, of mose belocks directly	Signature of Principal Executive Officer or Authorized Agent
THE OF OTHER	knowledge and belief, true, accurate, and complete. I am aware that there are significant	
	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

FACILITY NAME: (WAS LOCATION OF FACILITY PERMIT NO.: WV0001: WASTELOAD FOR THE	y: WASHING 279	and the second second			2.11.0	CERTIF	TIED LABORATI TIED LABORATI DUAL PERFORI	ORY ADDRES					
	. , . ,		Quantity		0.60000000000000	4.	Oti	ner Units	000050000000000000000000000000000000000	ngascoccioniscoccioniscochiadolis	·	Measurement	Sample
Parameter				Units	N.E				CEL*	Units	N.E.	Frequency	Туре
50050 (ML-1) RF-A	Reported												
Flow,in Conduit or thru plant Year Round Interim: 9/1/2018 to 8/31/2019	Permit Limits	N/A	N/A	÷		8" "		Rpt Only Max. Daily	N/A	mgd		1/week	Estimated
50050 (ML-1) RF-A	Reported												
Flow in Conduit or thru plant Year Round	Permit Limits	NA	N/A	7		Barrer 19	100 mm 100 mm 1	Rpt Only Max Daily	N/A	mgd		1/week	measured

Name of Principal Executive Officer

Name of Principal Executive Officer

Variety of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on Signature of Principal Executive Officer or Authorized Agent

Name of Principal Executive Officer or persons directly and the possibility of a fine and supervision in accordance with a system designed to assure that the prepared of the person of principal Executive Officer or Authorized Agent

Name of Principal Executive Officer or Authorized Agent

FACILITY NAME: (Internal LOCATION OF FACILITY PERMIT NO.: WV0001: WASTELOAD FOR THE	r: <u>Washing</u> 279	TON; Wood C				CERTIF	TIED LABORAT TIED LABORAT DUAL PERFOR	ORY ADDRES					
Parameter			Quantity	Units	N.E.			ner Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
50050 (ML-1) RF-A	Reported	***************************************											
Flow,In Conduit or thru plant		N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mgd		1/month	Estimated
Year Round	Permit Limits					ŕ	Avg. Monthly	Max Daily					
Final: 09/01/2019 to 7/29/2023													

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
qualified personnel properly gather and evaluate the information submitted. Based on	Signature of Principal Executive Officer or
responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

FACILITY NAME: _(Inter LOCATION OF FACILIT PERMIT NO.: _WV0001	Y: WASHING	T-1			3		FIED LABORA FIED LABORA	TORY NAME: TORY ADDRES	S:				
WASTELOAD FOR THE		- again and a said and a said and a said and a said and a said and a said and a said and a said and a said and	3 3,5	<u> </u>		INDIVI	DUAL PERFO	RMING ANALYS	ils:		. <del></del>	***************************************	
			Quantity		***************************************			Other Units		ScidSSciScipScioppocogcocoSyg	*************		· · · · · · · · · · · · · · · · · · ·
Parameter				Units	NE.				CEL*	Units	N.E	Measurement Frequency	Sample Type
50050 (ML-1) RF-A	Reported			Î	1	<b></b>				1	1	······································	<b>f</b>
Flow,in Conduit or thru plant Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mgd	***************************************	Continuous	Recorded
00310 (ML-1) RF-A	Reported	<b></b>			1		<b>†</b>					***************************************	
3OD, 5-Day 20 Deg.C Year Round	Permit Limits	398 Avg. Monthly	1061 Max. Daily	Lbs/Day	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
00530 (ML-1) RF-A	Reported				+				800040sssssssss		<b></b>		
Total Suspended Solids Year Round	Permit Limits	568 Avg. Monthly	1841 Max Darly	Lbs/Day		N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	mg/l		1/week	24 hr Composite
01094 (ML-1) RF-B	Reported				<b>*****</b>				***************************************		_		
Zinc, Total Recoverable Year Round	Permit Limits	2 Avg. Monthly	5 Max. Daily	Lbs/Day	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only	N/A	mg/l		1/quarter	24 hr Composite

	certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
8.5		Signature of Principal Executive Officer or
	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
	penalties for submitting false information including the possibility of a fine and	
	mprisonment for knowing violations.	

Final: 01/02/1900 to 7/29/2023

## STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

FACILITY NAME: (Inter LOCATION OF FACILITY PERMIT NO.: WV0001 WASTELOAD FOR THE	Y: WASHING 279	STON; Wood C			~ Accession	CERTI	FIED LABORA	ATORY NAME: ATORY ADDRES RMING ANALYS					
Parameter			Quantity	Units	N.E.			Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
50050 (ML-1) RF-A Flow,in Conduit or thru plant Year Round Interim: 9/1/2018 to 11/30/2018	Reported Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mgd		1/week	Estimated
50050 (ML-1) RF-A Flow,in Conduit or thru plant Year Round	Reported Permit Limits	N/A	N/A	-		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mgd		1/week	Estimated

Name of Principal Executive Officer	i certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
	qualified personnel properly gather and evaluate the information submitted. Based on	Signature of Principal Executive Officer or
	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	

FACILITY NAME: (Internal Outlet 202) THE CHEMOURS COMPANY FC. LLC LOCATION OF FACILITY: WASHINGTON; Wood County PERMIT NO.: WV0001279 202 WASTELOAD FOR THE MONTH OF:						CERTIF	CERTIFIED LABORATORY NAME:  CERTIFIED LABORATORY ADDRESS:  INDIVIDUAL PERFORMING ANALYSIS:							
Parameter			Quantity	Units	NE		Ot	her Units	CEL*	Units	N E.	Measurement Frequency	Sample Type	
50050 (ML-1) RF-A Flow in Conduit or thru plant Year Round Final 12/01/2018 to 7/29/2023	Reported Permit Limits	N/A	N/A			g1 355 g 21 3003	0.00 000000 F.C	Rpt Only Max Daily	NA	mgd		1/month	Estimated	

VIII-00-00-00-00-00-00-00-00-00-00-00-00-		**************************************
	l certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
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	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
	penalties for submitting false information including the possibility of a fine and	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
	imprisonment for knowing violations	

Year Round

#### STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM **DISCHARGE MONITORING REPORT**

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FACILITY NAME: (Inter				NY FC. LLC	2		TIFIED LABORAT	************	 :\$\$:				
PERMIT NO.: VVV0001		ν.	20	15									
WASTELOAD FOR THI						INDI\	/IDUAL PERFOR	RMING ANALY	/SIS:				
			Quantity	***************************************	000000000000000000000000000000000000000		0	ther Units		***********************	000000000000000000000000000000000000000	Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
0050 (ML-1) RF-A	Reported												
low,in Conduit or thru plant ear Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/week	measured
0310 (ML-1) RF-A	Reported									***************************************			
OD, 5-Day 20 Deg C ear Round	Permit Limits	866 Avg Monthly	2313 Max Daily	Lbs/Day		N/A	Rpt Only Avg Monthly	Rpt Only Max Daily	NA	mg/l		1/week	24 hr Composite
0530 (ML-2) RF-A	Reported		***************************************						***************************************			***************************************	
otal Suspended Solids ear Round	Permit Limits	1197 Avg. Monthly	3878 Max. Dally	Lbs/Day		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	mg/l		1/week	Calculated
0530 (ML-1) RF-A	Reported				<b>†</b>		***************************************				<b>†</b>		
otal Suspended Solids lear Round	Permit Limits	Rpt Only Avg Monthly	Rpt Only Max Daily	Lbs/Day		N/A	Rpt Only Avg Monthly	Rpt Only Max Delly	N/A	mg/l		1/week	24 hr Composite
0530 (ML-7) RF-A	Reported									<b></b>	<b>†</b>		
otal Suspended Solids	Permit Limits	Rpt Only	Rpt Only	Lbs/Day		N/A	Rpt Only	Rpt Only	N/A	mg/l	***************************************	1/week	24 hr Composite

* CEL = Compliance Evaluation Level I certify under penalty of law that this document and all attachments were prepared Name of Principal Executive Officer Date Completed under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly Signature of Principal Executive Officer or **Authorized Agent** responsible for gathering the information, the information submitted is, to the best of my Title of Officer knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and mprisonment for knowing violations.

Avg. Monthly

Max. Daily

Max. Daily

Avg. Monthly

FACILITY NAME: (inter LOCATION OF FACILIT PERMIT NO.: WV0001 WASTELOAD FOR THE	Y: <u>WASHING</u> 1279	STON; Wood C				CERT	IFIED LABORAT IFIED LABORAT IDUAL PERFOR	ORYADDRES			77,2000		
			Quantity	*************	************		0	her Units				Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
50050 (ML-1) RF-A	Reported			***************************************									***************************************
Flow in Conduit or thru plant Year Round Interim: 9/1/2018 to 8/31/2019	Permit Limits	NA	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max Cally	NA	mgd		1/week	Estimated
50050 (ML-1) RF-A	Reported										1	docto	
Flow in Conduit or thru plant Year Round Final: 01/02/1900 to 7/29/2023	Permit Limits	N/A	N/A			N/A	Rpt Only Avg Monthly	Rpt Only Max: Daily	N/A	mgd		1/week	measured

Name of Principal Executive Officer	certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
		Signature of Principal Executive Officer or
	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
	penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations	
<b>1</b>		4

* CEL = Compliance Evaluation Level

### STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

FACILITY NAME: (Inter LOCATION OF FACILIT PERMIT NO.: WV0001 WASTELOAD FOR THE	Y: <u>WASHING</u> 1279	GTON; Wood C		 	CERT	IFIED LABORA IFIED LABORA DUAL PERFOI	TORY ADDRES		· · · · · · · · · · · · · · · · · · ·			
			Quantity	95565555500000555555		C	ther Units		*******************	***************************************	Measurement	Sample
Parameter Units N.E.				CEL*	Units	N.E.		овпіріе Туре				
50050 (ML-1) RF-A	Reported										***************************************	
Flow,in Conduit or thru plant Year Round Interim: 9/1/2018 to 8/31/2019	Permit Limits	NA	N/A		N/A	Rpt Only Avg Monthly	Rpt Only Mex Daily	N/A	mgd		1/week	Estimated
50050 (ML-1) RF-A	Reported											
Flow,in Conduit or thru plant Year Round Final: 09/01/2019 to 7/29/2023	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd	***************************************	1/week	measured

Name of Principal Executive Officer

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

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FACILITY NAME: (Inter LOCATION OF FACILIT PERMIT NO.: WV0001 WASTELOAD FOR THE	Y: <u>Washino</u> 279	STON; Wood C			~	CERT	IFIED LABOR	ATORY NAME: ATORY ADDRE		~			
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			Quantity	<b>18</b> 000000000000000000000000000000000000	100500000000000000000000000000000000000		······································	Other Units		inglessessionspanningssession		Measurement	Sample
Parameter		* * * * * * * * * * * * * * * * * * * *		Units	N.E.				CEL*	Units	NE.	1	Туре
50050 (ML-1) RF-A	Reported								1		1		
Flow,in Conduit or thru plant Year Round Interim: 9/1/2018 to 8/31/2019	Permit Limits	N/A	NA	,		NA	Rpt Only Avg Monthly	Rpt Only Max Daily	N/A	mgd		1/week	Estimated
50050 (ML-1) RF-A	Reported				T						***		
Flow,in Conduit or thru plant Year Round Final 19704/9519 to 7/20/9529	Permit Limits	N/A	N/A	g	***************************************	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/week	measured
Final: 09/01/2019 to 7/29/2023	1		1	3	3	8.	1	1	1	1	ı	4	1

OLL COMPRESSOR LYBINGS ON LOVE		
	l certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that	Date Completed
<b>8</b> I	qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly	Signature of Principal Executive Officer or
Title of Officer	responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant	Authorized Agent
	penalties for submitting false information including the possibility of a fine and	
	Imprisonment for knowing violations	

FACILITY NAME: (Intel				IÝ FC. LL	C	MINISTER TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO SERVICE TO		ATORY NAME: ATORY ADDRES	SS:				
PERMIT NO.:         WV0001279         605           WASTELOAD FOR THE MONTH OF:					INDIVI	INDIVIDUAL PERFORMING ANALYSIS:							
			Quantity				***************************************	Other Units	55550000000000000000000000000000000000	000000000000000000000000000000000000000		Measurement	Sample
Parameter		: , .		Units	N.E				CEL*	Units	N.E.	§	Туре
50050 (ML-1) RF-A	Reported							00000000000000000000000000000000000000					
Flow,in Conduit or thru plant Year Round Interim: 9/1/2018 to 8/31/2019	Permit Limits	NA	N/A	,		N/A	Rpt Only Avg Monthly	Rpt Only Mex Daily	N/A	mgđ		1/week	Estimated
50050 (ML-1) RF-A	Reported										360		
Flow,in Conduit or thru plant Year Round Final: 09/01/2019 to 7/29/2023	Permit Limits	N/A	N/A	***************************************	-	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mgd		1/week	measured

WV/NPDES Permit No.: WV0001279

#### NOTICE TO PERMITTEES

The 1999 regular session of the West Virginia legislature revised the Water Pollution Control Act, Chapter 22, Article 11, Section 10 of the Code of West Virginia relating to fees associated with permits. This section of the Code requires all holders of a State water pollution control permit or a national pollutant discharge elimination system permit to be assessed an annual permit fee, based upon rules promulgated by the Secretary of the Department of Environmental Protection. The Secretary has promulgated a final rule in accordance with the code revision to this effect and these rules were effective May 4, 2000. The rules establish an annual permit fee based upon the relative potential to degrade the waters of the State which, in most instances, relate to volume of discharge. However, for sewage facilities, the annual permit fee is based upon the number of customers served by the facility. You may contact the Secretary of State's Office, State Capitol Building, Charleston, WV 25305, to obtain a copy of the rules. The reference is Title 47, Legislative Rules, Department of Environmental Protection, Division of Water Resources, Series 26 Water Pollution Control Permit Fee Schedules.

Based upon the volume of discharge for which your facility is currently permitted, the number of customers served by your facility or for the category you fall within, pursuant to Section 7 of Title 47, Series 26, your annual permit fee is \$5000.00. This fee is due no later than the anniversary date of permit issuance in each year of the term of the permit or in the case of coverage under a general permit, the fee is due no later than the anniversary date of your coverage under the general permit. You will be invoiced by this agency at the appropriate time for the fee. Failure to submit the annual fee within ninety(90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect.

### EMERGENCY RESPONSE SPILL ALERT SYSTEM WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

#### REQUIREMENTS:

Title 47, Series 11, Section 2 of the West Virginia Legislative Rules, Environmental Protection, Water Resources - Waste Management, Effective July 1, 1994.

#### RESPONSIBILITY FOR REPORTING:

Each and every person who may cause or be responsible for any spill or accidental discharge of pollutants into the waters of the State shall give immediate notification to the Division of Water and Waste Management's Emergency Notification Number, 1-800-642-3074. Such notification shall set forth insofar as possible and as soon thereafter as practical the time and place of such spill or discharge, type or types and quantity or quantities of the material or materials therein, action or actions taken to stop such spill or discharge and to minimize the polluting effect thereof, the measure or measures taken or to be taken in order to prevent a recurrence of any such spill or discharge and such additional information as may be requested by the Division of Water and Waste Management. This also applies to spills to the waters of the State resulting from accidents to common carriers by highway, rail and water.

It shall be the responsibility of each industrial establishment or other entity discharging directly to a stream to have available the following information pertaining to those substances that are employed or handled in its operation in sufficiently large amounts as to constitute a hazard in case of an accidental spill or discharge into a public stream:

- (1) Potential toxicity in water to man, animals and aquatic life;
- (2) Details on analytical procedures for the quantitative estimation of such substances in water and
- (3) Suggestions on safeguards or other precautionary measures to nullify the toxic effects of a substance once it has gotten into a stream.

Failure to furnish such information as required by Section 14, Article 11, Chapter 22, Code of West Virginia may be punishable under Section 24, Article 11, Chapter 22, and/or Section 22, Article 11, Chapter 22, Code of West Virginia.

It shall be the responsibility of any person who causes or contributes in any way to the spill or accidental discharge of any pollutant or pollutants into State waters to immediately take any and all measures necessary to contain such spill or discharge. It shall further be the responsibility of such person to take any and all measures necessary to clean-up, remove and otherwise render such spill or discharge harmless to the waters of the State.

When the Director determines it necessary for the effective containment and abatement of spills and accidental discharges, the Director may require the person or persons responsible for such spill or discharge to monitor affected waters in a manner prescribed by the Director until the possibility of any adverse effect on the waters of the State no longer exists.

### VOLUNTARY REPORTING BY LAW OFFICERS, U. S. COAST GUARD, LOCK MASTERS AND OTHERS:

In cases involving river and highway accidents where the responsible party may or may not be available to report the incident, law officers, U. S. Coast Guard, Lock Masters and other interested person(s) should make the report.

#### WHO TO CONTACT:

Notify the following number: 1-800-642-3074

#### **INFORMATION NEEDED:**

- Source of spill or discharge
- Location of incident
- « Time of incident
- Material spilled or discharged
- Amount spilled or discharged
- Toxicity of material spilled or discharged
- Personnel at the scene
- Actions initiated
- Shipper/Manufacturer identification
- Railcar/Truck identification number
- Container type

#### RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this permit which you are aggrieved by to the Environmental Quality Board by filing a NOTICE OF APPEAL on the form prescribed by such Board for this purpose, with the Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after the date of receipt of the above permit.

### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER AND WASTE MANAGEMENT

#### FACT SHEET ADDENDUM

1. NAME AND ADDRESS OF APPLICANT

THE CHEMOURS COMPANY FC, LLC PO BOX 1217 WASHINGTON, WV 26181

2. NAME AND ADDRESS OF FACILITY

WASHINGTON WORKS 8480 DuPont Road Washington, WV 26181

- 3. STATE NPDES APPLICATION NO. WV0001279
- 4. COUNTY Wood

RECEIVING STREAM Ohio River

5. PUBLIC NOTICE NO. L-38-18

COMMENT PERIOD: From 04/19/2018 To 05/19/2018

6. SIC CODE(s) 2821

Note: This is an addendum to the original FACT SHEET.

Only items changed in the permit are addressed in this addendum.

7. DESCRIPTION OF APPLICANT'S FACILITY OR ACTIVITY

Activity (revised)

Chemours Corporation FC, LCC owns and operates a polymer manufacturing facility at Washington, WV. The facility produces the following products: nylon resins, polyvinyl butyral resin, acrylic resins, fluorocarbon polymers and compounded plastics (SIC 2821; OCPSF Subpart D). The site also produces nylon fibers and resins (SIC 2824; OCPSF Subpart C), and polyacetal resins and formaldehyde (SIC 2821 / 2869; OCPSF Subpart E and F). Non-OCPSF production includes fluorocarbon monomers, fluorocarbon telomers and calcium fluoride.

The facility also operates and maintains a sewage treatment plant and all of the sanitary wastes from the facility are collected and treated here and the treated effluent is discharged via internal outlet 105 and then via outlet 005 to the Ohio River.

RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS
 Outlet 005 - OCPSF Effluent Guidelines (Revised)

Outlet 005 is subject to OCPSF effluent limit guidelines (ELG) in 40 CFR 414. Out of the approximately 34 MGD of flow at Outlet 005, only 1.5 MGD of the wastewater gets biological treatment (Internal Outlet 105). Internal Outlet 105 also receives offsite wastewater from Kuraray (new Internal Outlet 125) and from a sanitary sewage package plant (new Internal Outlet 115). After treatment, the Internal Outlet 105 wastewater combines with additional 40 CFR 414 wastewaters from the Fluoroproducts West Unit (Internal Outlet 305), Polyacetal Resins (new Internal Outlet 405), Specialty Compounding (new Internal Outlet 505, E.I. DuPont de Nemours), and Fluoropolymers (new Internal Outlet 605). These wastewaters do not receive biological end of pipe treatment. The remaining wastewater is generated from non-contact

RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)
cooling and other miscellaneous operations (new Internal Outlet 205).

Outlet 005 and its internal outlets are subject to 40 CFR Subpart D (Thermoplastic Resins), Subpart E (Thermosetting Resins), Subpart F (Commodity Organic Chemicals), Subpart I (Direct discharge point sources that use end-of-pipe biological treatment), and Subpart J (Direct discharge point sources that do not use end-of-pipe biological treatment). Due to the large amount of non-process wastewater that is generated at this outlet, BOD and TSS ELG limitations are being imposed at Internal Outlet 205 which is the sum of the individual manufacturing units (Internal Outlets 305, 405, 505, and 605) because the permittee does not currently have a means to sample Internal Outlets 305, 405, 505, and 605 separately. Subpart I and J ELG limitations are being imposed at Outlet 005 directly.

***Outlet 005 Flow Calculations

Total Outlet 005 Flow: 35.46 MGD (application)

Total Long Term Average Flow as Reported in DMRs = 34.67 MGD

Relative % of flow subject to 40 CFR 414 Subpart I: 4.87 % Relative % of flow subject to 40 CFR 414 Subpart J: 11.16 %

***Internal Outlet 105 Flow Calculations

Total Internal Outlet 105 Flow: 1.63 MGD (application)

Total Long Term Average Flow as Reported in DMRs = 1.48 MGD

Relative % of flow subject to 40 CFR 414 Subpart D: 76.8 %
Relative % of flow subject to 40 CFR 414 Subpart E: 22 %
Relative % of flow subject to 40 CFR 414 Subpart F: 1.2 %
Relative % of flow subject to 40 CFR 414 Appendix A (Zn): 15.4 %

***Internal Outlet 305 Flow Calculations

Total Internal Outlet 305 Flow: 0.9 MGD (application)
Total Long Term Average Flow as Reported in DMRs = 0.071

Estimated Long Term Average Flow to 40 CFR 414 Subpart D and J: 0.074 MGD

***New Internal Outlet 405 Flow Calculations

Total Internal Outlet 405 Flow: 0.825 MGD (application)

Total Long Term Average Flow as Reported in DMRs = unknown (new Outlet)

Estimated Long Term Average Flow to 40 CFR 414 Subpart E and J: 0.855 MGD

***New Internal Outlet 505 Flow Calculations (E.I. DuPont de Nemours)

Total Internal Outlet 505 Flow: 0.337 MGD (application)

Total Long Term Average Flow as Reported in DMRs = unknown (new Outlet)
Estimated Long Term Average Flow to 40 CFR 414 Subpart D and J: 0.349 MGD

***New Internal Outlet 605 Flow Calculations

#### 10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

Total Internal Outlet 605 Flow: 1.67 MGD (application)

Total Long Term Average Flow as Reported in DMRs = unknown (new Outlet)

Estimated Long Term Average Flow to 40 CFR 414 Subpart D and J: 1.73 MGD

In conformance with 40 CFR 122.44(a)(2), a monitoring waiver may be granted for those pollutants which the permittee can justify are not present in the discharge. The permittee has indicated that it does not manufacture or generate as a by-product many of the chemicals listed in the guideline (except 3,4-Benzofluoranthene, Chloroform, methyl chloride, methylene chloride, toluene, and trichloroethylene). Historical data has shown consistent non-detects for numerous pollutants and the waiver has been granted. However, this regulation does not waive the permit limitations for all applicable guideline-listed pollutants in 40 CFR 414 Subpart I and J. Therefore, a monitoring waiver is granted for the pollutants; however, the limitations shall remain in effect as indicated in the permit. The permittee must still sample the pollutants being granted a waiver as part of the required testing for the next permit renewal application.

The permittee has also certified that no chromium, lead, copper, or nickel metal bearing wastestreams or cyanide bearing wastestreams as listed in Appendix A of 40 CFR 414 Appendix A are used in the manufacturing processes.

#### ***Internal Outlet 115 - Sanitary Wastewater

The permittee providede additional information indicating that full secondary treatment is not occurring at the package plant and that final treatment is provided from the Internal Outlet 105 WWTP which is subject to OCPSF requirements which alrady accounts for the sanitary flow. As such, this Internal Outlet is being eliminated from the permit. Existing monitoring at Outlet 005 for fecal coliform will be assessed in the future to determine whether fecal coliform limits are necessary.

#### ***Internal Outlet 125 - Kuraray (Polyvinyl Resin)

The permittee accepts offsite wastewater from Kuraray for ultimate treatment and disposal in the Internal Outlet 105 biological treatment unit. Flow monitoring is imposed for mass balance purposes.

#### ***Internal Outlet 205

Internal Outlet 205 serves as the compliance monitoring location for BOD and TSS technology based effluent limitations required under 40 CFR 414. Compliance with effluent guideline effluent limits are required to be imposed at the discharge location where the process wastewater is generated. In this case, certain process wastewaters generated from various units are represented by Internal Outlets 305, 405, 505, and 605 in this permit. Each of these units had their respective BOD and TSS limitations calculated. All wastewater from these internal outfalls combine and are dechlorinated and this location is being designated as Internal Outlet 205; however, there is no other treatment provided for these wastewaters even though they are subject to 40 CFR 414. Wastewater from Internal Outlet 205 ultimately mixes with wastewaters from Internal Outlet 105 prior to all of these wastewaters (Internal Outlet 105 and 205) discharging through Outlet 005 directly to the Ohio River. There is a significant amount of cooling water that is also mixed with wastewater from Internal Outlets 305, 405, 505, and 605 which is captured in monitoring at Internal Outlet 205. This is a concern due to the potential of the cooling water serving as dilution (masking) to achieve the effluent guideline limitations. This is further complicated because the permittee utilizes both groundwater and river water as its source of cooling water. Net TSS limitations have been developed and imposed at Internal Outlet 205 only because the permittee has indicated that it does not have a means to sample the individual units represented by Internal Outlets 305, 405, 505, and 605. Net limitations can only be considered if the source water is the same as the receiving water; therefore, the agency determined the relative percentage of flow of cooling water that comes from the river 10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued) water intake for Internal Outlet 205. Net TSS calculated values are to be calculated in accordance with Section C.32 of the permit which defines the calculation which is a function of the discharge flow at Internal Outlet 205, the river water percentage, and the TSS gross values collected at Internal Outlet 205 and the river water intake. The prior permit imposed a similar concept at the main discharge from Outlet 005 after the other wastewaters from Internal Outlet 105 were mixed with it (although, the agency is unclear on the basis of the actual TSS effluent limitations imposed). The agency believes this is inappropriate as further mixing additional treated wastewaters from Internal Outlet 105 will further contribute to potential dilution (masking) to ensure compliance with the effluent guideline requirements of other units.

Calculations are attached to the Fact Sheet.

The agency reviewed effluent data for TRC at Outlet 001 and the permittee cannot consistently comply with the final effluent limitations. The agency has granted a two-year compliance schedule at Outlet 001 for TRC in the final permit.

#### WATER QUALITY BASED EFFLUENT LIMITATIONS

**Chemours Washington Works** 

Outlet: 002

Stream: Ohio River

109 Hardness (mg/l): Instream Waste %: 0.36 Temperature (°C): 27 ZID: 3.0 10.0 pH: 8.1 CMZ: Stream 1Q10 (CFS): Stream 7Q10 (CFS): Effluent Flow (MGD): 5170 HH CMZ: 30.0 6560 HHA 1/2 Mile Rule CMZ: 30.0 12.1

PARAMETER	Baseline Water Quality (mg/l)	Stream Background (mg/l)	End of Pipe WQC RP	RWC WQC RP	Average Monthly Limit (mg/l)	Maximum Daily Limit (mg/l)	Tier Protection Level
Chloroform	NA	0,0005	Yes	No	Monitor	Monitor	Tier 1
Trichloroethylene	NA	0.0001	No	No	Monitor	Monitor	Tier 1
Benzo(b) Fluoranthene	NA	0.00000038	No Data	No Data	0.00010298	0.00015023	Tier 1
PFOA	NA	0.0000025	Yes	Yes	0.00203	0.00331	Tier 1
Methylene Chloride	NA	0.00013	No	No	Monitor	Monitor	Tier 1

Outfall discharges to Ohio River and is subject to ORSANCO Poliution Control Standards:	Yes
Outfall discharges to a Trout Stream:	No
Outfall discharges to a stream exempt from Human Health A Criteria:	No
Outfall discharges to a stream exempt from all Human Health Criteria:	No
Outfail discharges within 1/2 mile upstream of a public drinking water intake:	No
Outfall has limitations for at least one metal using a site specific translator.	No
Outfall has Tier 2.0 antidegradation limitations for at least one pollutant:	No

v 10.2

#### WATER QUALITY BASED EFFLUENT LIMITATIONS

**Chemours Washington Works** 

Outlet: 005

Stream: Ohio River

1.78 3.0 109 Hardness (mg/l): Instream Waste %: Temperature (°C): 27 ZID: pH: Stream 1Q10 (CFS): Stream 7Q10 (CFS): Effluent Flow (MGD): CMZ: 10.0 5170 HH CMZ: 30.0 6560 HHA 1/2 Mile Rule CMZ: 30.0 60.4

PARAMETER	Baseline Water Quality (mg/l)	Stream Background (mg/l)	End of Pipe WQC RP	RP RP	Average Monthly Limit (mg/l)	Maximum Daily Limit (mg/l)	Tier Protection Level
Chloroform	NA.	0.0005	Yes	No	Monitor	Monitor	Tier 1
Benzo(b) Fluoranthene	NA NA	0.00000038	No Data	No Data	0.00010298	0.00015023	Tier 1
PFOA	NA	0.0000614	Yes	Yes	0,00032	0.00065	Tier 1

Outfall discharges to Ohio River and is subject to ORSANCO Pollution Control Standards:	Yes
Outfall discharges to a Trout Stream:	No
Outfall discharges to a stream exempt from Human Health A Criteria:	No
Outfall discharges to a stream exempt from all Human Health Criteria:	No
Outfall discharges within 1/2 mile upstream of a public drinking water intake:	No
Outfall has limitations for at least one metal using a site specific translator:	No
Outfall has Tier 2.0 antidegradation limitations for at least one pollutant:	No

v 10.2

### Chemours Washington Works -- WV0001279 Outlet 002 - Effluent Guidline Limitation Evaluation (40 CFR 414)

LTA Flow Outlet 002

6.08

mgd

Combined WWTP (2015 through 2018)

Pollutant	Sum of ELGi		Equivalent Conc. @ 002 (mg/l)			2 WQBELs 1g/l)	Outlet 002 Permit Limits (mg/l)	
	Mon. Ave.	Max. Daily	Mon. Ave.	Max. Dally	Mon. Ave.	Max. Daily	Mon. Ave.	Max. Dally
3,4-benzofluoranthene	0.308	0.739	0.006	0.015	0.000103	0.00015	0.0001030	0.0001500
Chloroform	1.71	5.00	0.034	0.099	0.164	0.345	N/A	
Methyl Chloride	1.69	4.54	0.034	0.090	•••	r _e wist -		-
Methylene Chloride	0.554	2.62	0.011	0.052	0.134	0.188	-	
Toluene	0.43	1.14	0.009	0.023	1.3	1.89		
Zinc	0.00	0.00	0.000	0.000	0.185	0.371	-	-
Trichloroethylene	0.400	1.063	800.0	0.021	0,071	0.09	-	
pH	6.0-9.0	) Range	6.0-9.0	Range	6.0-9.	0 Range	6.0-9.0	Range

#### 40 CFR Suparts D, E, I, J - Outlet 005 - WV0001279

en action particular de la company de la first de la company	Order and Park	0.00000		taranal of a factors
Specialty Polymer Compounding (E.I. Du Pont)	Subpart D, J	0.33660		Internal Outlet 505
Polyacetal Resins (E.I. Du Pont)	Subpart E, J	0.82490		Internal Outlet 405
	/lain	0.36120		
Steam Conden		0.46370		turbumint Objetive COC
Fluoropolymers	Subpart D, J Main	1.673 0.303		Internal Outlet 605
Steam Conden		0.303		
Process W		1.36		
LIOCESS AA	ater	1.50		
Fluoroproducts West (Oberlin Filters)	Subpart D, J	0.90000		Internal Outlet 305
to an algorithm of the series		4 50000		
Internal Outlet 105 (WWTP)	aren Calemant & C. I	1.62920		Control of non-0 rec
	wer Subpart D, E , I	0.10800		Contaminated BOD & TSS
Filaments (Nylon Fib	· · · · · · · · · · · · · · · · · · ·	0.19400		
		0.03630 0.29220		
• • • • •	esins Subpart E, I			
	yde Subpart F, I	0.01600		Controlled DOD 9 TCC
	Labs Subpart D, E, I	0.00330		Contaminated BOD & TSS
	Labs Subpart D, E, I	0.15000		Contaminated BOD & TSS
	sins) Subpart D, I	0.14110		Contaminated 8OD & TSS
	cess Subpart D, E, I	0.02000		
	hate Subpart D, E, I	0.02000		Contaminated BOD & TSS
*	sins Subpart D, I	0.07330		
Polyvinyl Resins (Kura	iray) Suopart D, I	0.57500		
Total NCCW / Blowdown		28.02720		Non-Process
Specialty Polymer Compound	dine	0.01080		Non-Process
Fluoropolymers	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	3.82900		Non-Process
Fluoropolymers V		3.73000		Non-Process
Polyacetal Re		19.21200		Non-Process
Formadehyde Area		0.17300		Non-Process
	P&S	0.61600		Non-Process
WWTP (Acr	***	0.04300		Non-Process
WWTP (Polyvi	·	0.01000		Non-Process
WWTP (Formadeh)		0.00400		Non-Process
Technical	* 7	0.16260		Non-Process
Research		0.18100		Non-Process
Nylon Re		0.05580		Non-Process
Uncontaminated Stormwater (017/018 to 037 to 005)		0.01150		Non-Process
Drainage Area Stormwater		0.05330		Non-Process
_				
Total Flow Outlet 005		33.46	mgd	
Long Term Average Flow Outlet 005 (2015 to 2018)		34.67	mgd	
Ratio		1.04		
Total Flow from Internal Outlet 105		1.63	mgd	
Long Term Average Flow at 105 (2015 to 2018)		1.48	mgd	
Ratio D Flows		0.77		
Ratio E Flows		0.22		
Ratio F Flows		0.01		
Flow subject to 40 CFR 414, Subpart D		1.25	mad	
Flow subject to 40 CFR 414, Subpart E				
Flow subject to 40 CFR 414, Subpart F		0.36 0.02		
Flow subject to 40 CFR 414, Subpart I		1.63		
Flow subject to 40 CFR 414, Subpart J		3.73	_	
Metal Bearing Wastestream Flow (Zn)		0.25		
we have a second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second			-0	
% 105 Flow subject to 40 CFR 414, Subpart D		76.79%		
% 105 Flow subject to 40 CFR 414, Subpart E		22.00%		
% 105 Flow subject to 40 CFR 414, Subpart F		1.20%		
% 005 Flow subject to 40 CFR 414, Subpart I		4.87%		
% 005 Flow subject to 40 CFR 414, Subpart J		11.16%		
% 105 Metal Bearing Wastestream Flow (Zn)		15.39%		

#### Chemours Washington Works

Internal Outlet 105

WV0001279

40 CFR 414 Subpart D and Subpart E and Subpart F

Outlet 005 (DMRs - 2015 to 2018) % of flow subject to 414, Subpart D:

1.48 MGD 76.79%

% of flow subject to 414, Subpart E: % of flow subject to 414, Subpart F: 22.00% 1.20%

414 Subpart D LTA Flow: 414 Subpart E LTA Flow: 415 Subpart F LTA Flow:

1,136 MGD 0.326 MGD 0.018 MGD

Poliutant	BPT Factors 40 CFR 414.41 (mg/l)		8PT Factors 40 CFR 414.51 (mg/i)		BPT Factors 41 CFR 414.61 (mg/l)		Effluent Guideline Limits (lbs/day)	
	Mon. Ave.	Max. Daily	Mon. Ave.	Max. Daily	Mon. Ave.	Max. Daily	Mon Ave	Max Daily
BOD5	24	54	61	163	30	80	398	1061
TSS	40	130	67	216	46	149	568	1841
рН	6.0-9.0	Range	6.0-9.1	) Range	6,0-9.0	Range	60-9	O Range

Chemours Washington Works WV0001279

Internal Outlet 305

40 CFR 414 Subpart D

Outlet 305 (DMRs - 2013 to 2018) % of flow subject to 414, Subpart D: 0.071 MGD

414 Subpart D LTA Flow:

100.00% 0.074 MGD

Pollutant		actors 4.41 (mg/l)	Effluent Guideline Limits (lbs/day)			
	Mon. Ave.	Max. Daily	Mon Ave.	Max Daily		
BOD5	24	64	15	39		
TSS	40	130	25	80		
pH	6.0-9.0	Range	60-91	) Range		

Chemours Washington Works WV0001279

Internal Outlet 405

40 CFR 414 Subpart E

**Outlet 405 (From Application)** 

0.8249 MGD

% of flow subject to 414, Subpart D:

100.00%

414 Subpart D LTA Flow:

0.855 MGD

Pollutent		actors 4.51 (mg/l)	Efficient Guidaline Limits (lbs/dny)			
	Mon. Ave.	Max. Daily	Man Ave	Max Daily		
BOD5	61	163	435	1162		
TSS	67	216	478	1540		
Н	6.0-9.0	Range	5.0-9	O Range		

Chemours Washington Works

WV0001279

40 CFR 414 Subpart D and Subpart E

Internal Outlet 205

(Sum of 305, 405, 505, 605)

Pollutant	Effluent Guideline Limits (fib/day)				
	Mon Ave.	Mex Daily			
BODS	866	2313			
TSS	1197	3878			
рH	5.0-9 O Range				

Chemours Washington Works WV0001279

Internal Outlet 506

40 CFR 414 Subpart D

0.3366 MGD

Outlet 505 (From Application) % of flow subject to 414, Subpart D:

414 Subpart D LTA Flow:

100.00% 0.349 MGD

Effluent Guldeline Limits Pollutant **BPT Factors** 40 CFR 414.41 (mg/l) (libe/day) Mon. Ave. Mon Ave Mex Daily Max. Dally 8005 24 64 70 186 TSS 40 130 116 578 60-90 Range

6.0-9.0 Range

Chemours Washington Works

Internal Outlet 605

WV0001279 40 CFR 414 Subpart D

1.673 MGD 100.00%

% of flow subject to 414, Subpart D: 414 Subpart D LTA Flow:

Outlet 605 (From Application)

1.734 MGD

Pollutant		actors 4.41 (mg/l)	Effluent Guideline Lindts (lbe/day)			
	Mon. Ave.	Max. Dally	Mon Ave	Max Daily		
80D5	24	64	347	925		
TSS	40	130	578	1880		
pH	6.0-9.0	Range	5.0-9	) Renge		

#### Chemours Washington Works WV0001279 40 CFR 414 Subpart I

Outlet 005

Outlet 105 (DMRs - 2015 to 2018) = 1.480 MGD
Outlet 005 (DMRs - 2015 to 2018) = 34.670 MGD
% of 005 flow subject to 414, Subpart I = 4.87%
% of 105 flow subject to 414 Appendix A (Zn) = 15.39%
005 Process Wastewater subject to 414.91 (LTA) = 1.688 MGD
105 metal bearing wastestream (Nylon) = 0.228 MGD

		***************************************			
Effluent Characteristics			Mas	~	Monitoring
	Average Monthly (ug/l)	Max. delly {ue/l}	Avg Monthly (lbs/day)	Max. Daily (lbs/day)	
Acensphthene	22	59	0.310	0.831	¥
Acenaphthylens	22	59	0.310	0.831	Υ
Actyloritrile	96	242	1,352	3.408	¥
Anthracene	22	S9	0,310	0.831	Ą
Benzene	37	136	0.521	1.915	Y
Benxo(a)anthracene	22	59	0.310	0.831	Υ
3,4-Benzofluorenthene	23	61]	0.324	0.859	
Benzo(k)fluorenthene	22	59	0.310	0.831	Å
Benzo(a)pyrene	23	61	0.324	0.859	Y
3ls(2-ethylhexyl) phthalate	103	279	1.450	3.929	Υ
Carbon Tetrachloride	18	38	0.253	0.535	Y
Intorobenzene	15	28	0.211	0.394	ķ
Chloroethane	104	268	1.464	3,774	Y
Chloroform	23	46	0.296	0.648	
l-Chlorophenol	31	98	0.437	1.980	Υ
aysene	22	59	0.310	0.831	······y
31-n-butyl phthalate	27	57	0.380	0.803	, Y
I, 2-Dichlorobenzene	77	163	1.084	2.295	Ÿ
.,3-Dichlorobenzene	31	44	0.437	0.620	Y
.4-Dichlorobenzene	15	28	0.211	0.394	
i.1-Dichioroethane	22	59	0.310	0.631	······································
L,2-Dichloroethane	68	211	0.957	2,971	¥
i,1-Dichioroethylene	16	25	0.225	0.352	······································
i,2-trans-Dichlorcethylene	21	54	0.296	0.750	······································
,4-Dichiorophenol	39	112	0.549	1.577	
,2-Dichloropropane	153	230	2.154	3,239	Υ
"3-Dichloropropylene	29	-2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2445 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2455 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555 -2555	0.408	8.620	*
, n-manoropropyene Nathyl phthalate			*****************		Y
***************************************	31 18	203) 36)	1.141 0.253	2.858 0.507	¥
l,4-Dimethylphenol Nmethyl phthalate		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
~~~~~~~~~~ <del>~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	19	47	0.268	0.662	Y
,6-Dinitro-o-cresol	78	277	1.098	3.900	Υ
.4-Dinitrophenol	71	123	1.000	1.732	Y
.4-Dinitrotoluene	113	285	1.591	4.013	
2,6-Dinitrotoluene	255	641	3.591	9.026	
thylbenzene	32	108	0.451	1.521	······································
luoranthene	25	68	0.352	0.957	Y
luorene	22	59	0.310	0.831	i
lexachlorobenzene	15	28	0.211	0.394	ΥΥ
iexachlorobutadiene	20	49	0.282	0.690	<u> </u>
lexachloroethere	21	54	0.296	0.760	······································
Viethyl Chloride				2.875	
Viethylene Chloride	40	89	0.563	1.253	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
laphthalane	22	59	0.310	0.831	Υ
litrobenzene	27	68	0.380	0.957	ΥΥ
Nitrophenoi	41	59	0.577	0.972	Y
-Nitrophenol	72	124	1.014	1,746	Ý
henanthrene	22	59	0.310	0.831	ΥΥ
isenoi	15	26	0.221	0.365	γ
yrene	25	67	0.352	0.943	Y
etrachloroethylens	22	56	0,310	0,789	¥
wittene	26	60	0.366	1.126	***************************************
otal Chromium	1110	2770			ΥΥ
otal Copper	1450	3380			Y
otal Cyanida	420	1200			Y
otal Lead	320	690		3	Ÿ
otal Nickei	1,690	3,980			Y
otel Zinc (Imposed at 105)	1,050	2,610	1,994	4.957	
.2,4-Trichkorobenzene	66	140	0.957	1.971.	Ý
,1,1-Trichloroethane	21	54	0.296	0.760	Y
,1,2-Yrichloroethane	21	54	0.296	0.760	Ϋ́
richloroethylene	23	54	0.196	0.760	
/inyl Chloride	104	268	1,464	3,774	Y

Chemours Washington Works WV0001279 40 CFR 414 Subpart J

Outlet 005

Outlet 305 (DMRs - 2013 to 2018) = 34.670 MGD % of flow subject to 414, Subpart J = 11.16% Total Process Wastewater subject to 414.101 (LTA) = 5.870 MGD

Effluent Characteristics	Average Monthly (ug/l)	Max. daily (us/l)	Aug Monthly (lbs/day)	Max. Dally (lbs/day)	Monitoring Walver
Acenaphthene	19	47	0.613	1.517	Y
censphthylene	19	47	0.613	1.517	Y
kcrylonitrile	94	232	3,034	7,488	Y
Inthracene	19	47[0.613	1.517	Y
lenzene	57	134	2.840	4,325	Y
enzo(ajanthracene	19	47	0.613	1.517	Y
,4-Benzailuaranthene	20	48	0.646	1.549	
kenzo(k)fluoranthene	19	47	0.613	1.517	Y
lenzo(a)pyrene	20	48[0.646	1.549	Y
lis(2-ethylhexyl) phthalate	98	258	3.066	8.327	Y
arbon Tetrachloride	142	380	4.583	12,265	Y
hlorobenzene	142	380	4.583	12.265	Y
hioroethane	110	295	3,550	9.521	Y
hioroform	111	325	3,583	10.490	
Inysene	19	47	0.613	1.517	Ý
ii-n-butyl phthalate	20	43	0,645	1.388	Ÿ
,2-Dichlorobenzene	196	794	6,326	25.627	Ý
,3-Dichlorobenzene	142	380	4.583	32,265	Y
,4-Dichlorobenzene	142	380	4.583	12,265	Y
,1-Dichloroethane	.22	59	0.710	1.904	Y
,2-Dichloroethane	180	574	5.810	18.527	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
,1-Dichlaraethylene	22	60	0.710	1.937	γ
,2-trans-Dichloroethylene	25	66	0.807	2_130	Υ

,2-Dichloropropane	196	794	6.326	25.627	Y
,3-Dichloropropylene	196	794	6.326	25.627	γ
lethyl phthalate	46	113	1.485	3.647	γ
,4-Dimethylphenol	19	47	0.613	1.517	Y
imethyl phthalate	19	47	0.613	1.517	Ý
,6-Dinitro-o-cresol	78	277	2.518	8.941	¥
,4-Dinitrophenol	1207	4291	38,957	138.497	¥

thylbenzene	142	380	4.583	12,265	¥
luoranthene	22	54	0.710	1.743	Y
luorene	19	47	0.613	1.517	Å
lexachlorobenzene	196	794	6.326	25,627	Y
lexachlorobutadiene	142	380	4.583	12.265	, Y
lexachloroethene	196	794	6.326	25.627	Y
Aethyl Chloride	110	295	3,550	9.521	***************************************
Rethylene Chloride	36	170	1.152	5,487	
laphthalene	19	47	0.613	1,517	Y
litrobenzene	2237	6402	72.202	206.632	y
-Nitrophenol	65	231	2,098	7.456	¥
Nitrophenol	1.52	576	5.229	18.591	¥
henanthrene	19	47	0.613	1.517	¥
henol	19	47	0.613	1.517	Y
Aleus	20	48	0.646	1.549	Ą
etrachloroethylene	52	164	1.678	5,293	Α
oluene	28	74	0.904	2,388	
otal Chromium	1110	2770			Υ
otal Copper	1450	3380			γ
otal Cyanide	420	1200			Y
otal Lead	320	690			γ
otal Nickel	1,690	3,980			γ
otal Zînc	1,050	2,610	·····		Y
2,4-Trichlombenzene	196	794	6,326	25.627	γ
1,1-Trichloroethane	22	59	0.710	1.904	γ
,1,2-Trichloroethane	32	127	1.033	4.099	Y
richtoroethylene	26	69	0.839	2.227	***************************************
Inyl Chloride	97	172	3.131	5.552	Y

Chemours Washington Works WV0001279 40 CFR 414 Subparts I and J

	MASS-				
Effluent Characteristics	Avg Monthly (lbs/day)	Max. Daily (lbs/day)	Waiver?		
Acenaphthene	0.923	2.348	γ.		
Acenaphthylene	0,923	2.348	γ.		
Acrylonitrile	4,386	10.896	Ā.		
Anthracene	0.923	2.348	<u> </u>		
Benzene	2.361	6.240	¥.		
Benzo(a)anthracene	0.923	2.348	¥-		
3,4-Benzofluoranthene	0.969	2,408			
Benzo(k)fluoranthene	0.923	2.348	Y		
Benzo(a)pyrene	0.969	2.408	Y		
8is(2-ethylhexyl) phthalate	4.517	12.256	¥		
Carbon Tetrachloride	4.837	12.800	<u>Y</u>		
Chlorobenzene	4.794	12.659	Y Y		
Chloroethane	5.015	13.295			
Chloroform	3.878	11.137			
2-Chlorophenol	0.437	1.380	Y		
Chrysene	0.923	2.348	<u> </u>		
Di-n-butyl phthalate	1.026	2,190			
1,2-Dichlorobenzene	7.410	27.922	Y		
1,3-Dichlorobenzene	5.020	12.885	Y		
1,4-Dichlorobenzene	4,794	12.659	<u> </u>		
1,1-Dichloroethane	1.020	2.735	Υ		
1,2-Dichloroethane	6.767	21.498	<u>Y</u>		
1,1-Oichioroethylene	0.935	2.289	Y		
1,2-trans-Dichloroethylene	1.103	2.891	<u>Y</u>		
2,4-Dichlorophenol	0.549	1.577	<u> </u>		
1,2-Dichloropropane	8.480	28,866	<u>Y</u>		
1,3-Dichloropropylene	6.734	26.247	<u></u> Y		
Diethyl phthalate	2.625	6,506	¥		
2,4-Dimethylphenol	0.867	2.024	, V		
Dimethyl phthalate	0.881	2.179	X		
4,6-Dinitro-o-cresol	3.616	12.841	¥		
2,4-Dinitrophenol	39.957	140.229	X		
2,4-Dinitrotoluene	1.591	4,013	X		
2,5-Dinitrotoluene Ethylbenzene	3.591	9.026	Y		
Fluoranthene	5.034	13.786	À		
Fluoranuene	1,062	2,700	Υ Υ		
Hexachlorobenzene	0.923	2.348	Y		
Hexachtorobutadiene	6.537 4.865	26.022	Y Y		
Hexachioroethane	·····	12.955			
Methyl Chloride	5.622	26.388	<u>1</u>		
Methylene Chloride	4.761 1.725	12.197 6.740	***************************************		
Nachthalene	0.923	2.348	γ		
Nitrobenzene	72.582	207.590	Y Y		
2-Nitrophenol	2.675	8.427			
4-Nitrophenol	6.243	20.337	Y		
Phenanthrene	0,923	20.337	<u>Y</u>		
Phenol	0,923	1.883	¥		
Pyrene	0.998	2,493	Y Y		
Tetrachioroethylene	1.988	6.082	<u>'</u>		
Toluene	1.270	3.515	1		
Total Chromium			. Y		
Total Copper	00000 00000000000000000000000000000000		Y		
Total Cvanide			γ		
Total Lead	***************************************	-	Y Y		
Total Nickel	mm		y		
Total Zinc (imposed at 105)	1.994	4.957			
1,2,4-Trichlorobenzene	7.284	27.599	Y.		
1,1,1-Trichlorgethane	1.006	2.665	Y		
1,1,2-Trichloroethane	1.329	4.859			
Trichloroethylene	1.135	2.987	υ		
Vinyl Chloride	4.595	9.325	Ÿ		

Chemours Washington Works - WV0001279 Outlet 005 - Effluent Guidline Limitation Evaluation (40 CFR 414)

LTA Flow Outlet 005

34.67 mgd

Combined WWTP (2015 through 2018)

Pollutant	Sum of ELGs (lbs/day)		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		Outlet 005 WQBELs (mg/l)		Outlet 005 Permit Limits (mg/l)	
	Mon. Ave.	Max. Daily	Mon. Ave.	Max. Daily	Mon. Ave.	Max. Daily	Mon. Ave.	Max. Dally
3,4-benzofluoranthene	0.969	2.408	0.003	0.008	0.000103	0.00015	0.0001030	0.0001500
Chloroform	3.88	11.14	0.013	0.039	0.157	0.404	_	***
Methyl Chloride	4.76	12.20	0.016	0.042			us.	_
Methylene Chloride	1.725	6.74	0.006	0.023	0.134	0.196	p.m.	
Toluene	1.27	3.51	0.004	0.012	1.3	1.89		-
Trichloroethylene	1.135	2.987	0.004	0.010	0.071	0.104	**	-
рН	6.0-9.0	Range	6.0-9.0) Range	6.0-9.0	Range	6.0-9.0	Range



west virginia department of environmental protection

Division of Water and Waste Management 601 57th Street SE Charleston, WV 25304 Phone Number: (304) 926-0495 Fax Number: (304) 926-0496 Austin Caperton, Cabinet Secretary www.dep.wv.gov

July 30, 2018

Robert J. Fehrenbacher Chemours Company FC, LLC P.O. Box 1217 Washington, WV 26181

CERTIFIED RETURN RECEIPT REQUESTED

Re: WV/NPDES Permit No. WV0001279

Dear Mr. Fehrenbacher:

Enclosed is ADMINISTRATIVE ORDER NUMBER 8797 dated the 30th day of July 2018. This action is based upon the investigation and recommendation of the West Virginia Department of Environmental Protection's (WVDEP) Permitting Program staff to address compliance with the terms and conditions of WV/NPDES Permit No. WV0001279.

Please review the terms and conditions of this Administrative Order carefully. Failure to comply with its terms and conditions could subject the facility to further enforcement action. If you wish to discuss this Administrative Order further or its terms and conditions, please contact John Lockhart, P.E. of my staff at the above address or call (304) 926-0499 Ext. 1028.

Sincerely,

Scott G. Mandirola

Director

SGM:jl

Enclosure(s)

cc: Env. Inspector Supervisor

EPA Region III

Promoting a healthy environment.



west virginia department of environmental protection

Division of Water and Waste Management 601 57th Street SE Charleston, WV 25304-2345 Telephone Number: (304) 926-0495 Fax Number: (304) 926-0463 Austin Caperton, Cabinet Secretary www.dep.wv.gov

ORDER ISSUED UNDER THE WATER POLLUTION CONTROL ACT WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 11

TO: Chemours Company FC, LLC

P.O. Box 1217

Washington, WV 26181

ORDER NO.: 8797

DATE: July 30, 2018

INTRODUCTION

The following findings are made and Order issued to Chemours Company FC, LLC (herein after "permittee") pursuant to the authority vested in the Director of the Division of Water and Waste Management under Chapter 22, Article 11, Section 1 et seq. of the Code of West Virginia.

FINDINGS OF FACT

In support of this Order, the Director finds the following:

- Chemours Company GC, LLC (permittee) owns and operates a polymer resins; compounded plastics; nylon fibers; formaldehyde; fluorocarbon polymers, monomers, telomers; and calcium fluoride manufacturing facility in Wood County, WV. The permittee was previously reissued WV/NPDES Permit No. WV0001279 on the 4th day of August 2003 to discharge treated process, cooling, storm water runoff, and other wastewater through Outlets 001 028 into the Ohio River in the vicinity of Mile Point 190.
- 2. WV/NPDES Permit No. WV0116581 was issued to the permittee in 2011 as part of the Riverbank Landfill Capping Project which is adjacent to the operations covered by WV/NPDES Permit No. WV0001279. The landfill was part of a historical waste management unit utilized at the facility in the 1950's and 1960's. During construction of the

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capping project, the permittee had to eliminate, replace, and/or reroute storm water discharges covered under WV/NPDES WV0001279. WV/NPDES Permit No. WV0116581 ultimately resulted in the creation of Outlets 030-034 and 036-037 under said permit and eliminated Outlets 014, 015, 017, 018, 020, 021, 027, and 029 contained in WV/NPDES Permit No. WV0001279. Additionally, the permittee ultimately rerouted the storm water from Outlet 037 back to Outlet 005 covered by WV/NPDES Permit No. WV0001279.

- 3. WV/NPDES Permit Nos. WV0001279 and WV0116581 contained storm water benchmarks for iron, aluminum, and total suspended solids at Outlets 016, 019, 022, 025, 026, 030-034, and 036. Based on a review of DMRs, historical data indicates many storm water outfalls have exceeded benchmarks for aluminum, iron, and/or total suspended solids. Iron and aluminum have had exceedances at Outlets 016, 019, 022 (also TSS), 025, 026 (also TSS), 030-034, and 036. While exceeding benchmark values does not constitute a violation of the permit, failure to revise and implement changes to the storm water pollution prevention plan (SWPPP) in order to achieve benchmark values is a violation of these prior permits.
- 4. WV/NPDES Permit No. WV0001279 was reissued on the 30th day of July 2018 to discharge treated process, cooling, storm water runoff, and other wastewater through Outlets 001-036 into the Ohio River in the vicinity of Mile Point 190. As part of this permit reissuance, storm water Outlets 030-034 and 036 previously covered under WV/NPDES Permit No. WV0116581 are being covered under this permit and WV/NPDES Permit WV0116581 will be terminated.
- 5. The reissued WV/NPDES Permit No. WV0001279 contains effluent limitations for fecal coliform at Outlet 002. Based on a review of available effluent data, the permittee cannot currently comply with the final effluent limitations for fecal coliform at this outlet.

ORDER FOR COMPLIANCE

And now, therefore, in accordance with Chapter 22, Article 11, Section 1 et. Seq. of the WV Code, the permittee is hereby ORDERED to do the following:

- 1. The permittee shall immediately take measures to initiate compliance with all terms and conditions of the permit WV/NPDES No. WV0001279.
- 2. On or before October 31, 2018, the permittee shall submit to the Division of Water and Waste Management a corrective action plan which identifies the causes of the exceedances of the benchmark values, what actions have been taken in the past, and what revisions to the SWPPP will be made in order to achieve benchmark values. In addition, the permittee shall submit an updated and revised SWPPP.
- 3. The permittee shall submit quarterly progress reports identifying the revisions made to the SWPPP until the permittee achieves benchmark values for Outlets 016, 019, 022, 025, 026, 030-034, and 036 that shall ensure compliance with the terms and conditions of the permit.

- 4. The permittee shall come into compliance with the final NPDES permit effluent limitations for fecal coliform at Outlet 002 as soon as possible but no later than August 31, 2021. During this timeframe the permittee shall evaluate and take all necessary actions to come into compliance with the final permit effluent limitations for fecal coliform at Outlet 002.
- 5. The permittee shall submit a Plan of Action on or before October 31, 2018 outlining the measures the permittee will take to achieve the fecal coliform permit limitations at Outlet 002. The permittee shall submit semiannual progress reports thereafter summarizing the actions taken, and any additional actions to be taken in the future to ensure compliance with the final permit limitations for fecal coliform.
- 6. Final Fecal Coliform Limitations mean a monthly geometric mean limitation of no more than 200 counts/100 ml and a daily maximum limitation of no more than 400 counts/100 ml at Outlet 002. Interim Fecal Coliform Limitations mean a monthly geometric mean limitation of monitor only and a daily maximum limitation of monitor only at Outlet 002 through August 31, 2018. The permittee shall comply with the final fecal coliform limits as soon as possible but no later than September 1, 2021. Until that time, the permittee shall comply with the interim fecal coliform requirements at Outlet 002.

OTHER PROVISIONS

- Compliance with the terms and conditions of this Order shall not in any way be construed as
 relieving the permittee of the obligation to comply with any applicable law, permit, other
 order, or any other requirement otherwise applicable. Violations of the terms and conditions
 of this Order may subject the permittee to additional enforcement action in accordance with
 the applicable law.
- The provisions of this Order are severable and should a court or board of competent jurisdiction declare any provisions of this Order to be invalid or unenforceable, all other provisions shall remain in full force and effect.
- 3. This Order is binding on the permittee, its successors and assigns.
- 4. This Order shall terminate upon the permittee's notification of full compliance with the "Order for Compliance" and verification of this notification by WVDEP.

RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this Order which you are aggrieved to the Environmental Quality Board by filing a NOTICE of APPEAL on the form prescribed by such Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after receipt of this Order.

This Order shall become effective upon receipt.

Scott G. Mandirola, Director

Division of Water and Waste Management

SGM/jl

cc: Env. Insp. Supervisor

EPA Region III